

# Natural History Specimens

— FROM —

D. A. COHEN, Alameda, Cal.

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*Nesting Data*  
*1899- to 1904*

needs to look at again. ~~3-4-7-9-12-~~  
~~30-31-32-34-37-39-44-45-47-50-~~  
~~51-52-57-58-59-60-61-62-63-70-76-~~  
~~89-91-92-112-113-114-115-117-118-108-~~  
~~135-136-137-138-160-161-164-165-170-~~  
~~171-176-181-197-201-~~

Russet-backed Thrush 56. 63. 81. 85. 86. 89.  
90. 92. 94. 95. 103. 104. 108. 113.  
115. 118. 119. 121. 122. 124. 126. 134.  
136. 140. 141. 145. 148. 149. 150.  
152. 157. 158. 162. 165. 173. 174.  
175. 178 to 181. 184. 187. 188.  
191.

— Finis —

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Willow Goldfinch 26. 32. 44. 47. 64. 79. 82. 87.  
96. 106. 114. 132. 133. 146. 153. 159. 177.

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Cal. " 16. 55. 57. 67. 101. 125. 135. 138. 142.  
161. 169. 183.

Black-headed Grosbeak 64. 69. 73. 83. 102. 107.  
110. 112. 143. 147. 182.

Sanuel Song Sparrow, 34. 36. 51. 74. 76. 88  
120. 123. 127. 131. 137. 144. 155.  
156. 160. 185. 186. 189. 192.

Cal. Shrike 209.

West. Warbling Vireo 43. 54. 60. 129.

Huttons Vireo 80.

Salt Marsh Yellowthroat 207.

Golden Pileolated Warbler 98. 170.

Cal. Thrasher 14.

Vigors Wren 53.

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Coast Wren Tit 130. 167. 168.

Cal. Bush Tit 1. 6. 27. 31. 49. 77. 78. 93. 128. 163.  
.176

# Index 1904

Black-crowned Night Heron 5

Cal. Partridge 193 to 194. 199 to 201. 211 to 215

Mourning Dove 84. 151.

Prarie Falcon 2. 9.

Duck Hawk 2. 8. 11.

Sharp-shin Hawk 10.

Turkey Vulture 17.

Am. Barn Owl 15. 22. 23. 24.

Cal. Screech Owl 19.

Red-shafted Flicker 13.

Allen's Hummer 41. 42. 52. 62. 66. 72. 91.

100. 111. 116. 117. 139. 166. 171. 172. 190.

West. Flycatcher 25. 46. 97. 210.

Black Phoebe 61.

Cal. Jay 3. 4. 17. 18. 20.

Yellow-headed Blackbird 206.

Tricolored " 203. 204. 205.

Brewers " 75. 99.

Bullock's Oriole 7. 21.

House Finch 28. 29. 30. 33. 35. 37. 40. 45. 50. 58.

59. 68. 70. 71. 105. 109. 154. 164.

# Index. 1898.

Gt. Blue Heron 6.

B.-c. Night Do. 7. 39 to 41. 71 to 79. 106.  
111 to 116. 123. 124

Cal. Partridge 18. 48. 100. 105. 110.

Mourning Dove 91.

Dusky Horned owl. 2

Duck Hawk 8. 16. 67.

Prairie Falcon 32.

Turkey Vulture 31.

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Cal. Screech Owl 69.

Am. Barn Do. 93.

Anna's Hummer 1. 21.

"Red" Do. 51. 65.

White-throated Swift. 29.

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 West. Flycatcher 26.54.99.107.131.  
 Cal. Jay 10.24.33.34.44.45.47.87.88.90.  
 Bullock's Oriole 17.  
 Brewer's Blackbird 27.36.59.66.80.  
 House Finch 56.57.58.129.  
 Cal. Towhee 9 1/2.23.43.50.55.83.85.86.95.128.  
 Or. Do. 19.22.25.49.96.101.102.103.108.  
 109.121.122.130.132.  
 San. Song Sparrow 55.60.  
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 B. h. Grosbeak 62.84.89.126.  
 Lazuli Bunting 92.  
 Cal. Shrike 28.  
 Y-green. Swallow 68.  
 Cliff Do. 30.94.  
 Willow Goldfinch 63.  
 C/L C T Plain T C W

- 198) 6/2 Br. Towhee. Young just out of nest  
nest not found. By tartarians in east garden.
- 199) 5/30 Cal. Part. 2 incomplete sets destroyed by  
men cleaning up E. A. C. yard last week.
- 200) 6/2 Cal. Part. broken incubated egg + lots  
feathers mixed with grass. Across road back  
of Johns house.
- 201) 6/2 Cal. Part. 1 egg, at random. Base of  
outside of hedge in veg. garden.
- 202) 5/30 Br. Towhee. Young just able to  
fly. In quail oak briars & N/3 under  
low growth of same & concealed by dead, fallen  
limb. Newbury collected N/3 next day.
- 203) 6/5. Tricolor Blackbird 2 empty nests  
in reeds at Mules Swamp.
- 204) 6/5. Tri. Blackbird. 2 well begun.
- 205) 6/5 Tri. Blackbird 4 badly advanced.
- 206) 6/5 Y. h. Blackbird 1 new nest in 5 stalked  
dock in centre tie patch. 3 ft. up.
- 207) 6/5 2 empty nests of S. M. Yellowthroat
- 208) 6/5 Several empty nests of Tree Wren.
- 209) 6/5 C. Shrike. Old in dead willow edge of water
- 210) 6/6 W. Fly. 1 egg. Old 1902 nest on cyp.  
trunk N. side of N. Shell road.
- set 3 later to Newbury

1904

211) Aug. 7. Cal. Partridge. Eggs nearly hatched. Among clods & weeds of un-harrowed strip  $\frac{3}{4}$  distance from <sup>End</sup> Rose Ave. to pasture.

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212) Aug 7. Cal. Partridge. Another nest close to #211. Same remarks.

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213) Aug 7. Cal. Partridge. Tom Parnell says found about 12 eggs, under oak in line minorca rd to Smeths, last west.

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214) Aug. 7. Cal. Partridge. Harry Fliskman says nest 18 or 20 eggs, under as-trachans several days ago.

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215) Aug. 7. Cal. Partridge. John Williams says nest on west bank of ditch by N. row barlettts, with few eggs. I found something had broken eggs & torn feathers from bird.

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### Index 1898.

Yellow Warbler 125.

Pileolated do. 37.

Hutton's Vireo 14.

Wren-Tit 70.

Park Wren 20. 53. 82.

Cal. Bush Tit 2 1/2. 3. 4. 5. 11.  
13. 35. 52. 64. 97.

R. b. Thrush 104.

"Undetermined" 9. 12. 38. 98. 118.  
119. 127.

R.	STAR COAL OIL.	110° OIL.	BULK
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C	C/L	C	T	Plain	T	C	T W
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1899

1) Febr. Barn owl. 1 egg in barrel in cage. "Talkative" like the 1888 pair on porch so I thought there were eggs. One bird died on 19th & the 3<sup>d</sup> one by 26<sup>th</sup>. I can't determine the cause. Found 2<sup>d</sup> egg in nest. Fresh.

2) Mar 26 C. B. Tit. 1/2 complete. 12 ft up in small oak in Crow canon. Right side of road before reaching 4<sup>th</sup> bridge from Castro Valley junction. 4/19 Bannister got me 8 eggs, embryos forming.

*Prairie Falcon*  
3.) Apr. 2 - 10.15 a.m. Holbrook, Crow  
I got to top of rock where Taylor got his 1898 Mar 24 set of 5. Thick fog & ♂ flew out to our right & "whooped it up", then the ♀ came out after we got 10 ft. further, right below us. They made but little fuss. He was just big enough for King to squeeze into & about 8 ft from top of ledge.  He saw 5 eggs as soon as he got over the top. Floor of cave sandy, not gravelly. Embryos feathered. Popped in blowing with caustic potash. Got them blown by Apr 14 & 2 have some "bone" in them yet.

Bubo Apr. 99.  
4) Apr. 1. Barnister climbed to nest that  
waltz robbed last year & found only  
a part of freshly broken shell. No  
fresh marks on tree. I was along.

5) Gold. Eagle. Lawrence's (vic. to  
Johnston Ranch. "s boy says  
last storm blew it down. Taylor  
says birds were adding to it 3  
weeks ago. Taylor says the nest is  
only  $\frac{1}{2}$  m. from Lawrence's; so there  
must be two nests.

6) Apr. 3. C. B. Tit.  $12\frac{1}{2}$  ft up S.E. side  
oak N of tennis. Apr 18 took 7 eggs, <sup>small</sup> embryos.  
Looked & had to move here ~~for~~ before she came out; let  
her go account of some head & eye.

7) Apr. 6. Barn Owl. Flushed bird  
from hole in rock, full pellets &  
bones. furthest rock visited. Bolinger's.  
4/19 Barnister reports 0 eggs. No eggs on 27th.

8) Apr. 6. Wren. Almost lined. Crvice  
in rock near old hawk's nest. Bolinger's.

9) Apr 16 Rock Wren, or Cañon Wren.  
Got a glimpse of bird flitting around  
corner N.E. of Castle Rock. Nest  $2\frac{1}{2}$  ft.  
in a perpendicular crvice. Could see  
into it by "chiming" myself & looking  
down. Just finished, lined with fine

Apr. 99.

material like soap-root. 5/20 Dissected.

10) Apr. 16. Duck Hawk. 3 fresh eggs.  
S.W. cor. of Castle Rock. In a cave  
with open face, so a person could  
stand in it; cave ran in  $3\frac{1}{2}$  ft. &  
eggs were near side of wall, about  
 $2\frac{1}{2}$  ft. in & protected from rain. I  
sat on spot where I did last year &  
King went over the end as formerly.  
He throw clods & scared out a  
Buzzard, further down. I thought  
there would be no Falcon's about  
on account of Buzzard & King  
started to go down to find the  
Buzzard's nests & all at once the  
Duck Hawk flew out from under  
him. This made me think this close-  
sitting bird was a different ♀  
from "last year's bird", & again,  
as she was not at all fierce <sup>any</sup> or  
hardly noisy, also she seemed in  
broader plumage than our pre-  
vious ♀ (although in adult plumage).  
She was soon joined by ♂ & he seemed  
still younger & browner & one on

Apr. 99

two wing primaries were missing. On getting a rich set of 3 eggs my conclusions proved correct as the coloring is different & the shape different from former eggs. They lay on a bed of yellow sand characteristic to the rocks. Chas. Dunn, (P.O. at Concord) told me that Moran & a Berkeley student ~~from~~ named Bradley <sup>and</sup> two or three others called on Mar 28 & told his wife that one of the party went down cliff about 50 ft., hand-over-hand & got some fine specimens of Falcon eggs, & that Bradley was up there last week prospecting. We saw a G. & J. tire mark & a plain one preceding us some miles, & Dunn says it was Prof. Plain & student Sutton, who had come from Berkeley & left wheels at his house & gone to top of Mt. Diablo.

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11) Apr 16 W. Redtail. a nest of sticks about 55 ft from top of largest rock & about 45 ft. from bottom. In a small cave: appeared deserted as did the old one at W. end of the rock.

Apr. 99.

12.) Apr 16. C. Jay. Just built. 8 ft.  
up in Poison Oak & Buckeye, in plain  
view from road, after passing 1st gate  
in Pine Canyon. Left side of road  
going up about 15 ft inside fence.  
5/19 3 small young.

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13.) Apr. 16. C. B. Tit 7 eggs, fresh & warm.  
9 ft up in twigs growing from trunk  
of small white oak, yet leafless, in  
a small grove inside of fence, past  
Lafayette on left side of road coming home.

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14.) Apr. 18. C. Towhee. 4 fresh.  
7 ft up in thick, lodged cypress limbs  
over meadow fence near S.W. cor.  
Nest of heron feathers (old), cypress twigs  
& dry grass.

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15.) Apr 11. C. Jay. 5, incub. several days.  
18 ft. up in 2d thick oak in pasture  
S.W. of barn. Nest lining unique being  
almost entirely of brown fibre, not  
kinky. Took nest almost entire, the  
best specimen I was ever able to move.

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16.) Apr 11. C. Jay. 1/2 done top of oak in  
pasture opp. Brown's. Deserted.

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Apr. 99.

17) Apr 13. G. Jay. Billy reports 4 E, top of oak & N.W. of hen yards. Visited it next day & found 4 E on 14<sup>th</sup> only 2 eggs.

18) Apr 13. Or. Towhee. Begun & part of foundation laid. Under low briar in year-after-year spot, under further quail oak. Deserted. See #19.

19) Apr. 21. Or. Towhee. Moved from #18. 2 eggs. Took them 23<sup>d</sup>. (One soft shell & dented by claws.) Near #19 under a lot of leafless stems of a patch 1 ft. high. Usual grass lining & a bark & rubbish nest.

20) Apr. 20) Cal. Bush Tit. 2 fresh. 9 ft up in thick oak on side hill in Diamond Cañon. May have dropped some while climbing to camp, through opening I made in nest. Left them in camp.

21) Apr. 20. Sam. Song Spar. 4 fresh. 7 ft up over steep bank of creek over a little washout, in black berries Diamond's Cañon.

22) Apr. 20. " " Sam. Song Spar. 3 fresh. 4 ft up in patch of briars 25 ft. from creek.



Apr. 99.

23) Apr 20. C. B. Tit. 15ft up over side hill, Dimond's Canon. Couldn't reach it by climbing & noticed it torn.

24) Apr. 20. Lots Old jays & Cal. Towhees, all, but 1 latter, in small oaks, w. side of Dimond's Canon. Lots old Song Spar. nests in briars, w. side.

25) Apr. 19 Bannister brought me 2 fresh Duck Hawk eggs from ~~the~~ old hole in Bolinger Canon. Wheeler was there last on 14th & again on 21st. all the memon concerning Wheeler is in diary or field notes book. Bannister says birds are fierce this time.

26) <sup>4/19</sup> 7-9. Swallow. In cave in rocks further along ledge from Bolinger Canon than I have ever been. Bannister says 6 or 7 of them. Was not going to tell me about this & the next two, but inadvertently stuck his foot into it & had to finish it up.

27) Barn Owl. 4/19 by Bannister. empty. Beyond where I've been, ledge from Bolinger Canon.

28) Barn Owl, 4/19, as above. 0 eggs. Bannister got 6 eggs, 4/27. Gave 40ft down, rock below largest one yet visited. Bannister kept them.

Apr. 99

- 29) Barn Owl. Bolinger Canon. Birds flushed 3/25 & 4/6 & Bannister says 3 eggs on 4/19. 4/27 I got 5 eggs. Same place as I got my birds last year. Nest 3 ft to left of 1898 one, ~~up~~ against wall. Incubation slight.
- 
- 30) 4/23. C. Jay about done. Pine E. of owl oak briars. 25 ft up. Abandoned.
- 
- 31) 4/23. C. Towhee. Begun. Pine nest above. 20 ft up. Abandoned.
- 
- 32) 4/23 P. Wren in veg. gard. tank. Reported by Billy J.
- 
- 33) 4/14 C. Quail. 1 egg dropped from E. end of veg. garden hedge.
- 
- 34) 4/23 C. Quail 1 egg & 4 hen eggs. Periwinkle outside N.E. cor. playhouse oak on Smiths - 4 - our line. Took 3 more 5/6. 1 broken
- 
- 35) 4/24 Cal. Jay. 5, small embryos. In sextuple crotch of palm in garden. 9 1/2 ft up & totally concealed from below. Very few sticks used as natural foundation of dead palm leaves. This is from

Apr. 99

<sup>41/5</sup> the same ♀ that laid 4 red-phased & handsome eggs in orchard, last year.

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36) 4/24 Cal. Jay. 30 ft up, end of horiz. limb, S. side of oak on S.E. cor. of "gas house lawn". King climbed & broke 2, 1 with good sized embryos & 1 inf. The other three were 2 with " & 1 m. Nest as usual & good deal soap root lining.

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37) Br. Towhee. 2 nests begun at end of periwinkles under pine by garden gate. One is under geranium. Abandoned.

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38) Apr. 27 sequel to #25. - 2 Duck Hawk eggs taken 4/19. Took 2 more to-day with Bannister. Approached from above & stood on E. side below & flushed bird with piece of sandstone. As she flew out, screaming, I gave her 1 charge of #6 shot & knocked off a few small feathers, so Bannister says, who was standing above; I did not notice it, probably a/c of strong light I had to aim against, but I could see she was hit, as she flew slowly across cañon & did not make any demonstration

Apr. 99

of hostility. She showed up, apparently, B.K. about when we were leaving & uttered only a few notes & came nowhere within range. Eggs fresh. Undoubtedly the complement of the two taken 8 days ago, as the place of time indicates.

Yet, why are they fresh? The only answer is that the birds are reproducing weekly, but this seems absurd for birds of this nature that lay every 3 weeks when robbed previously.

Magagnos said there was 1 cracked egg in nest on 21<sup>st</sup> inst., which Wheeler did not take, & he showed me a photo of it in nest with a lark's head close to it. This is perhaps a bluff fixed by Wheeler, who could put one of

5/3, Taylor says Wheeler got the Perkins set of Kites to his cracked eggs there, (as M. says he traded the ward for the cracked eggs. Taylor has went to the nest first & thereby had dropped his proposed changes to be presented to Chas. M. to suppose it was natural & against Wheeler as he finds Perkins fished for with the result of trying to throw a higher bid against to Wheeler for it. & Wheeler me off the track, as he was sure I don't take it away from Taylor unfairly. I would see the photo.

39) 4/19 W. Redtail. Barnister took a very rich set of 2. one marked on small end & one on large end. Nest

Apr 99  
on side hill in maple visible from road 100 yds up hill.  
up canon to W. or N.W. from Manuel  
Martin, who has the savage, black  
sheep dog, at 1st house after leaving  
main road, going to falcon nest.

40) 4/27 Barn owl 6 eggs. Found 4/19  
by Bannister. Largest rock in falcon  
ridge. near bottom of rock, reached after  
a rough climb up to a perpendicular  
opening of a cave with a turn to it.  
In concave portion of 2 ledges of the  
rock, a dead, leafless oak 25 ft overhead.  
Past the centre of the W. 1/2 of the rock.  
Bannister keeps the set. #28 rock is  
about 90 yds below this rock.

41) 4/27 Barn owl. Let Bannister down  
the East side of above rock, about E of  
the E 1/2 & he found 4 eggs in one nest  
& left them. Found first 2 nests close by.  
Took them cold & fresh 5/11.

42) 4/27 Barn owl. Continuing from  
above. Close to #40 a cave, big one,  
with 1 egg. not visited by B. when he  
went on 5/11.

43) 4/27. Barn owl. Continuing from  
#41 & 42. Flushed an owl by poking  
into a small dark cave with a crook  
in it, making sight or taking of eggs impossible.

April '99.

112 79

44) 4/27 J. Vulture. 2, small embryos.  
I sat on rock, nest #28, watching Bannister  
go up to #40 & saw a Vulture come from  
above him. We soon investigated, as she  
staid about, in sight, in air. Found a  
cave under a small overhanging  
rock, on steep incline, <sup>very easily</sup> accessible from the  
bottom & side, through sage-brush. Saw  
from the side view from above some  
tracks on the E side of floor of cave.  
The cave was roomy & the west side  
not visible until standing at entrance.  
There there were 2 slabs of rock  $\frac{1}{2}$  way  
in, & back of these & between the wall, a  
space about 8 by 5 ft., were 2 eggs on the  
rather sandy floor. An old rats' nests  
in a cleft close by had been <sup>partly</sup> torn down  
or fallen & some of the sticks lay a-  
bout the eggs. The sticks were well  
broken up & seemed well worn. The  
Buzzard made no demonstration of  
uneasiness whatever at any period.  
This rock is W. of the top of big owl rock.

45) 4/27 Cal. Jay: empty: found by Bannister 4/19.  
10 ft up in small oak in small grove on  
top of ridge last visited by us on Apr. 6. B. took 4 & 5/11.

Apr. 99.

46) 4/23 Cal. Jay. Large. Partly done. 25 ft.  
dupl of #230.

46) 4/26. Cal. Towhee. 3 eggs. Took them 4/28.  
In Cherokee rose against my house, 15 ft. up &  
not visible, when "close to nest." Nest of dead  
grass, grass stems, weed stems & lined with fine  
fibres & a few horse hairs.

47) 4/26 Cal. Towhee. 3 eggs. Took them 4/28.  
9 ft up in low branches of apple oak. S.W.  
Side of it, on outside. Nest deserted but  
bird near, since feeding & flushing. Nest  
of dead grass, stems; lined with brown  
fibre & a little horse hair.

48) 4/26. Cal. Jay. 4 eggs on date. Looked on  
28<sup>th</sup>. Nest of dead oak twigs, then a few  
cypress twigs without "leaves," then coarse  
brown fibre & lastly a lot of well worn  
horse hair. 14 ft up, close to back road  
in 1 of 2 oaks close to S. side of road, 1/2  
way from gate to stable.

49) 4/26 Br. Towhee. Well begun. Under  
trailing, foliated stub of cypress. S.W.  
Side of cypress E of smaller redwood.  
Abandoned

50) 4/26 Cal. Towhee. About 35 ft up near  
top of oak in new horse coral, S. of big

Apr. 99.

oak in N.E. corner. Appears done. No bird about. Abandoned.

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51) 4/26. C. Scr. Owl. Flushed bird from hollow in  $\frac{1}{2}$  dead stub 35 ft up. oak S. of old house. Up again in about 2 weeks & nothing there.

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52) 4/26. Cal. Towhee. About done. 9 ft up in branches & briars. N.E. side of nearer quail oak. Deserted.

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53) 4/27 Y.-g. Swallow. 4/19 Bannister found a few nests in open-faced, "honey-comb," open-faced caves on largest rock on falcon ridge. Rather near bottom of "

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54) 4/27. B. Phoebe. 5 nearly fresh. Under bridge in Crow Canon near Maloon's place. Gave them to Bannister

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55) 4/28 W. Flycatcher. 4 fresh. In E. woodshed under big tanks. Nest #131, 1898, wherein 1 egg was laid & premises deserted, patched over & relined. Against rafter & on stringer.

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56) 4/27 Brew. Black. A few nests in thin foliaged pine, on road by house in Crow Canon. Annual rookery

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Apr. 99.

57) 4/29 W. Vireo. Built. 40 ft up in poplar  
Bed of nest visible from top of tank.  
Deserted.

TRADITION  
TOWER  
TORTURE

58) 4/29 B-h. Grosbeak. About done. 12 ft up  
apple tree, 11<sup>th</sup> tree in 2d row, beginning  
at S.W. cor. astrakhan & going E. 5/9 Took  
14 fresh see #250.

TORPEDO  
TORCH  
TORAZ  
TONIC

59) 4/29. C. Towhee. Lining pulled out. 9 ft  
up in small, thick oak in middle of E.  
1/2 of back field.

TONGS  
TOAD  
TRADE  
TIGER

60) 4/29. C. B. Tit. 10 ft. same tree. Also  
appears "touched off."

TIDAL  
THUNDER  
THRONE

61) 4/29 C. Towhee. 4 ft. Briars on fallen  
oak. Pasture fence. Near N.W. cor. Also  
appears "touched off" with last 2.

THROAT  
THRIFT  
THORNY  
THICK

62) 4/29. C. Towhee. 35 ft. up in big oak  
by N. fence of pasture, S. of back field.  
Threw sticks & flushed nothing. Didn't go  
again.

THEME  
THANE  
TEPPER  
TENDON

63) 4/29 C. Jay. 25 ft up in pasture, past  
largest oak to S.W. Same way several days  
later. Gave it up.

TEMPEST  
TEMPER

April 30/99 Haywards Creek.

Going up stream from Petersen's, E. side of creek.

64) Wren Tit. 4, small emb. 7/4/99  
4 ft. up in briars, under trees. E. bank, above big bridge. ♀ almost refused to leave nest. She soon uttered the pip-pip-pip-pip, very low.

65) Wren Tit. Everything similar to last. 7/12/99  
no far up stream from it. 4 eggs, large emb. 1 broken blowing.

66) Br. Towhee. 4 eggs, fresh. 7/14/99  
3 ft up on briars. E. bank. Just past 1st. fence.

67) Cal. Towhee. 4 eggs, almost fresh. 7/14/99  
5 ft. up on E. bank in briars. Past #64 & 65. Nest of dead weed stems & lined with fibre & lastly, horse hair.

68) Cal. Towhee. 4 eggs, almost fresh. 7/14/99  
About opp. last. 10 ft up on steep bank in elder, vines, & briars. Nest similar to last.

69) Sam. Song Spar. 4, 3 fresh or added. The light 7/14/99  
3 1/2 ft up briars, under willows, W. bank near past big "patch". small emb.

70) Same one just built opp. bank not far above or below #69. 5/8 Lining torn, loose.

71) Same. partly fledged young. In cotton

- wood crotch. 8 ft up. W. bank below big bridge.
- 72) C. B. Tit. 3 fresh. 5 ft briars. E. bank just above big bridge.
- 73) Same. young past "narrows". Briars under willows, W. bank.
- 74) Same. Young have left. In deadwood of willow, 5 ft up. A little below #73.
- 75) H. Finch. 4. Peculiarly spotted. 4 ft up in briars past big clump, W. bank. Small embryos.
- 76) Pil. Warb. Just built. 2 ft up in low briars, near W. bank, at N. end of big clump. 5/8 empty.
- 76a) H. Finch. 4 eggs. 1 broken. one broken. Sawd a/c rim of brown catkins on nest. 4 ft in briars & willows.
- 77) Same. 4 fresh. Willow stub 4 ft up. Weeds stems & "kemp".
- 78) Same. 2/3 1 broken. gave to Billy. 1 broken. 5 ft. briars.
- 79) Same. 3/4. 7 ft briars & willow. Slight.
- 80) Same. 5 ft. Briars. Small embryos.
- 81) Same. 5 ft. Briars. Small embryos.

TELESCOPE

TEACHER

TARTAN

TARGET

TAPER

TAMBOUR

TALENT

TADPOLE

TACH

TACIT

TABLE

SYSTEM

SYNOD

SWAMP

SUMMIT

SULKY

SUBJECT

STUPOR

STRIPE

STREAM

STRAP

STRAND

STORK

STILT

11/30 Hayward's Creek

- 82) <sup>Red</sup> Hummer. Old nest on cypress 2 ft up.  
near bridge, N. side of row of " on road.  
1899 nest 1 ft above it 2 ft to left. 2 just out.
- 83) Red Hummer. 1 egg & 1 just out. Briars  
near 1st fence on E. bank.
- 84) Hummer. Old nest. Briars. N. end  
of big clump.
- 85) Old & unfinished nests of H. Finch  
by the dozens. Never saw so many  
old nests of other birds either.
- 

- 86) 5/2. C. Jay. 5 embryos forming 2/5 97  
20 ft. up, E. side. Horizontal limbed oak in  
grain opp. Salvation Army Smith's.
- 87) 5/2 C. Towhee. 2 young, 1 sterile egg. Briars  
S. end of brush lot. Reported by Rich J.
- 88) 5/4. C. Jay 33 ft. Top oak near S.E.  
cor. pasture. Saw marks about week  
old 25 ft up & no birds so didn't go further.
- 89) Cal. Towhee. 30 ft up E.S.E. side big,  
"thick" oak in pasture close to N. fence.  
Left it 'til too late.
- 90) Eng. Spar. 5/6. 3 eggs. Iron cypress by  
gate. Top of tree
- 91) 5/6 Br. Towhee. Made briars by #19. No good.

May 1899

STAVE

STAMINA

STALK

STAG

STAB

SQUINT

SQUASH

SQUAB

SPRIG

SPONGE

SPLASH

SPICOT

SPIDER

SPERM

SPECTATOR

SPAVIN

SOPRANO

SOLID

SOLEMN

SOLACE

SNARLER

SNAKE

SNAIL

SMELL

92) 5/6. Cal. Towhee. Well begun. 8 ft up, briars; oak N. of tennis. Deserted.

93) 5/6. Cal. Towhee. Made. 9 ft up. Briars. Between 2 oaks back of Smith's h. yard. about 5/12 took 4 fresh

94) 5/6. Anna's Hum. 2 young, large 20 ft up on pine limb, S. of tennis. Roped & bent limb & Billy stood on 10 ft ladder Haywards Creek

5/8/99.

95) H. Finch 1/4. Within easy reach in briars on bank. fresh.

96 H. Finch. 5, fresh well begun.

97) Same 5, 1 broken. fresh to slight

98) Same 5, 1 broken. slight & variable

99) Same 5, slight to embryos.

100) Same 5, slight & variable. 1 broken.

101) About 20 nests with 1, 2 & 3 eggs in briars in good places or against willows. Chiefly on E. bank. a few empty or building

- May 8/99 Haywards Creek Con.
- 102) Brewers. Blackbird. 5 fresh. 1/5 99  
10 ft. willows. S. of Petersens.
- 103) Same. 5 small emb. 5 ft. Shumach. Near colony
- 104) " 2 broken 5 " " 10 " Shumach " "
- 104) " 5 fresh 8 " ~~Shumach~~ willow " "
- 106) " 5 small emb. 10 " willow " "
- nests all of dry grass & weeds & mud with  
scant horse hair lining.
- 107) Same. 10 ft willows. Broke 3 by tipping.
- 108) Same. 1 egg " past Petersens to S.  
empty 5/17
- 109) Same. 2 eggs. willows in colony.
- 110) Same. About 5 empty in colony &  
willows S. of Petersens.
- 111) & Wil. Polaf. 4 fresh. 10 ft up in  
vine. W. bank, near <sup>big</sup> bridge.
- 112) Sam. Song Spar. 9 ft. up in stiff grass  
E. bank by big bridge. 2 eggs. 5/17 1 bird  
& 1 addled egg, very small.
- 113) Same. 1 egg. 6 ft. Coarse grass under  
willows. S. of Petersens. 5/17 3 eggs, fair  
sized emb.
- 114) Pil. Warbler. Done. 6 in. Briers.  
W. bank, S. of big clump. 5/17 3 fresh.
- 115) Same. 3 in. Briers. E bank, near

Petersens. Missed it 5/17.

SLOVEN

116.) W. Tr. throat. 6 in up under willows  
in pipe grass in grove N. of Petersens.  
Opening of nest horizontal. 4 fresh & cold.

SLOUCH

SLOTH

SLIPPER

117) Same. Grass N. end of blackbird grove.  
Done. 6 in up. 5/17 empty.

SLICE

SLEEP

118) Same. Done. 8 in up. Briars. S. end of  
blackbird grove. 5/17 empty

STEDGE

SLAVE

SLANG

119) 5/11 Duck Hawk.. 3 fresh 2/3 egg  
Taken by Bannister about noon. He  
was eating lunch in gulch below nest &  
heard some holler & ran up to nest  
& said a stout man, not Ward, yelled  
to him & said "what did you get?"  
He didn't reply & the man ran back &  
as Bannister was on top of owl (biggest)  
rock two parties fired 3 shots at him  
with 1/2 m. off. After he got down near  
road they fired more shots at the rock.  
Taylor confidentially says Ward told  
him on 40th that he'd go out in p.m.  
on 11th if not too hot. Eggs rather pointed  
this time & one thinner shelled than usual

SLAB

SKULL

SKREWER

SKETCH

SIBEN

SIMPER

SILVAN

SLICK

SILENCE

SIGNAL

SIGH

SICKLE

SHROUD

SHRIMP

120) 5/11 Bannister took m/2 R. Hummer on thimbleberry  
extra well concealed. In canon below Big Rock.

Mar 99.  
121) 5/14 Eng. Spar. 2 nests & eggs top of win-  
dow frame in servants dining room  
1 ft apart.

122) 5/14 Cal. Jay. 5 ft. up. Top of oak  
N.E. by E edge of croquet ground. <sup>didn't go up.</sup>

5/17

Haywards Creek

123) Sam. Song Spar. 3 fresh. 24 inches, briars  
near creek W. of "Hobo Grove". 1/2 99

124) Sam. Song Spar. 3 fresh. 4 ft. briars  
along west bank of "Narrows". 1/2 99

125) Sam. Song Spar. 3 fresh.  
on willow stump 8 ft up with briars. East  
bank near Nelsons.

126) Sam. Song Spar. 3, small emb.  
1 ft. briars. East bank near Petersen's 1/2 99

127) Sam. Song Spar. 4 begun. Briar (3 ft)  
patch, West bank. Cal. Towhee #128  
at other end of patch 4 ft. distant. 2 99

128) Cal. Towhee, 4 slight. 3 ft in above  
briar patch

129) Cal. Towhee. 4 begun. Willow  
stub & briars. W. bank 5 ft up, S. of bridge.

130) H. Finch. Small embryos, 5. Briars  
& willow, E. bank of narrows 5/5 99

131) H. Finch lots high willow tree  
nests not examined. 1 with 4 fresh &



about 20 begun & with 1 to 3 fresh, mostly  
along narrow on E. bank.

132) Wren Tit, 4 fair sized emb. Shady  
brush patch with black berry vines  
typical style for the bird. Nest in vine  
3 1/2 ft up. W. bank opp. Nelsons.

133) R. b. Thrush. 4 small emb.  
5 ft. briars & willow. E. bank N. of Nelsons.

134) R. b. Thrush. 3 cold & fresh. Briars  
4 ft. N. of Nelsons.

135) R. b. Thrush 1 nest of 2 eggs, 2  
with 1 each & 3 empty. All but 2  
N. of bridge

136) W. Goldf. 1/2 done, 3 ft, willow crotch  
in open N. of "Hobo Grove" & 1 other  
I forget where

137) Pil. Warb. 1 1/2 ft in thick briars  
top of high E. bank N. of Nelsons  
Done? 5/30 4 large embr.

138) Pil. Warb. Done? Birds present. Basin  
on top of W. bank near "end of orchard S.  
of bridge. Basin of briars between trees;  
shady. 5/30 empty

139) C. B. Tit. Inaccessible. 20 ft up  
over creek in Elder tree.

140) Br. Blackb. 5 about hatched. 14 ft  
willow along creek N. of Hobo Grove.

141) Br. Blackb. 2 nests in Hobo Grove  
✓ 2 in Tamarack, with young. One  
with 1 egg & 1 with 2 or 3, near Grove  
& in it.

---

142) Br. Blackbird 3 fresh broke 1 in  
1/2 with pin. 10 ft. willow. Hobo Grove

---

143) 5/14 Cal. Towhee. 4 fresh. Nest of  
rootlets weeds & grass & horse hair. 7 ft.  
in apple foliage. near outside row about  
centre of N. end of astrachans.

---

144) 5/19 Sam. Song Spar. 4 fresh. Briars  
3 ft up on bank of Crow Canon Road  
near Falcon road.

---

145) 5/19 Same. 3 cold & fresh. Similar  
to above & close by.

---

146) Cal. Towhee 1/2 done. 10 ft oak on bank  
of road near above. 2 old in tar weed  
vine & grass on bank near. One 1/3 done  
& 2 done below road in bushes along creek.

---

147) B-h. Grosb. Begun. Alder " "

---

148) R-b. Thrush. 3/4 done. Briar  
in glade along creek by Screech Owl  
streamore. 5/27 took 2/4. Traded to Bamister.

---

149) T. Vulture. 5/20. in E side near  
bottom, of rock E of original falcon  
rock in Pine Canon. 2 young

---

May 1899.

- 150) C. Quail 18 eggs. found nest about  
May 1 with 10 eggs. Took 18 fresh about  
" 10. against cypress log overgrown with  
briars in brush pile near oak by N.W. corner.
- 151) 5/23 B-c. N. heron. 4, small emb.  
top of cypress S. of bowt alley
- 152) 5/23 Same. 3, small emb. 55 ft up  
near center of cypress S.W. of croquet  
ground. 5/26 Took one more.
- 153) 5/26 Same. 3 small emb.  
Taken from above tree with aid of  
tomato can on pole.
- 154) 5/26 Same 3 4/3 2 slight; 1 emb. forming  
near #153 & taken in same manner
- 154) 5/23 Same. 2 fresh. 60 ft. near  
top of cypress N.W. of croquet.
- 155) 5/26 Same. 4. 1 broken. slight & variable  
50 ft. top of cypress N. of huzard
- 156) 5/26 Same 2 fresh  
same tree
- 157) 2/26 Same. 3 mixed with #158  
in tree E. of above. Very easy to  
reach. Large & extra deep.
- 158) 5/24 Same 4. Tree #155-6.  
mixed with #157 - go for oad eggs.

SOREAM

SCOWL

SCIENCE

SCENT

SCARE

SCANDAL

SCALD

SCAB

SACHE

SATIRE

SATAN

SARCASM

SARACEN

SAND

SALT

SALMON

SALTINE

SAD

SABRE

RUMP

RUPE

RUBY

ROYAL

ROVER

May 1899

159) 5/27 B-c. W. Heron. 3 6/3-10/11  
60 ft up in top of cypress by gate. 3 empty  
nests. 1 bloodshot.

160) 5/27 Cal. Towhee done. 5 ft in bush  
E side of road, up bank 20 ft. About 1/2  
way from school house to saloon in Crow  
Canon. ~~No good, 5/27~~ Bannister says n.g. 6/6

161) same. 5/27. Done. 6 ft up in bush, up  
bank, W. side of road, past 1st gate inside  
of private road from Crow Canon to Bolinger  
Canon. Bannister says n.g. 6/6.

162) 5/27 W. Flycatcher. 5 begun. Under  
1st bridge past Martins. <sup>Took nest 6/7/99.</sup> (Bannister took 4.  
more on 6/6/99.)

163) 5/27 Or. Towhee. 4 not far incubated  
(Kept by Bannister) on ground under  
bracken, below Duck Hawk rock

164) 5/27 Wren Tit. 2 ft up in bracken  
near #163. 6/7 empty. Bannister was hereabouts

165) 5/27 M.C. G. Warbler. 1 ft up in bracken <sup>on</sup>  
near #163. 6/6

166) 5/27 R-b. Thrush. 4 e. Finest nest  
I ever saw, Rimmed with Spanish moss.  
Taken by Bannister along creek past  
gate to Bolinger Canon.

167) 5/27 C. Towhee. 4 nearly fresh. In  
twigs, against trunk of white oak in

field below road to Bohinger Canyon.  
Taken by Bannister.

ROMANTIC

168) 5/27 Barn owl. 6. 3 embryos better  
some to blow, 3 easy. Same rock as  
#29.

ROLLER

RODENT

ROCKY

169) 5/27 Same. Bannister took 5  
from rock below Buzzard Rock. Set  
of 6 taken 4/27

ROBUST

ROBIN

ROBE

170) 5/27 Same. 3 fresh. Left them near  
base of Buzzard Rock. 6/7 4995

ROBBED

ROAST

RIVET

171) 5/27 Same. 3 fresh. Left them. Close  
to #170. 6/7 5 eggs. Bannister won them on the top.

RITUAL

RIPPLE

RIPE

172) 5/27 Same 2 birds flushed from  
inaccessible caves near #170.

RING

RIGID

173) 5/27. T. Vulture. 2. Goes to Ban-  
nister. In cave near above owls' nests.  
Saw bird flushed & pull her legs into position for flight.

RIFLE

RIDICULE

RIDGE

174) 5/25 Or. Towhee. 3 embryos forming.  
2 ft from top of briar clump near  
S.W. cor. of carrot field.

RIDER

RIBAND

175) 5/26 W. Flycatcher. 3 eggs. Took 4  
5/29. Old site of a few years ago. In  
concave space, on ivy "rope", 7 1/2 ft  
up trunk of oak E edge of croquet ground.

REVOLT

REVILE

REVENGE

REVELRY

176) 5/23 Cal. Towhee. Building. 12 ft. oak on  
S.E. curve coming into barnyard on road.  
Abandoned.

May 30/99 Haywards Creek

177) H. Finch. 5, 5 light to emb. forming.  
6 ft in briars & willow brush. East bank  
near Nelson's. Nest of lumpy-woven  
material with foundation of weeds & roots  
mixed with same.

178) Law. Goldf. 5 fresh. 10 ft up over  
west bank, near bridge in crotch of wil-  
low & brush & vines. Nest similar to Willow  
Goldf. of woven material, no horse hair  
not compact or much of it. Birds not  
seen.

179) Wil. Goldf. 5 fresh: wrote 1 in blowing.  
fine nest of yellowish, spongy material.  
9 ft up in crotches of small bushy willow  
on west bank N. of big clump of briars.

180) Nest of same, similar. No eggs. 10 ft  
up in thick, low willows, further down  
on east bank. Had to cut branch to see into it.

181) Pil. Warb. a small nest; done? 2 ft  
up in briars over steep bank, as far as  
briars can be worked in straight line  
N. from Pil. Warb. #137. Did not go again to creek.

182) W. Tit. 4 small emb. variable in  
incubation. fastened to a couple of up-  
right briars under bushy trees, between  
#180 & 181.

183) W. Tit. 2 nests of  $\frac{1}{2}$  grown young in usual positions in thicket on west bank not far N. of bridge.

184) W. Wabb. 2 or 3 flutterers & 1 dead in shell. In crotch of willow on briars in plain view near #183.

185) R.-b. Thrush. Several empty nests & some that I found last time gone or empty. Sheldon went through on 24<sup>th</sup> & got some of them. one or 2 nests with 1 egg & 6 or 7 with 2.

186) Same. Taken in briars, about 5 ft up on east bank by Sheldon. Traded some for 2/3 B.-c. W. Heron.

187) Same. 3 fresh 10 ft up in briary copse in willow sprouts.

188) Same. " " & " 3 ft up on steep edge of bank. 3 fresh

189) Same. 3<sup>rd</sup> nearly hatched. Thrown away 5 ft. sprouts of cottonwood.

190) Same. B. emb. forming. Briars in thicket, 6 ft. W. bank by orchard.

191) Same. 11 begun. Briars about willow, 5 ft. on sloping bank.

192) Same. 4 large emb 5 ft in briars in thicket



- May 30/99. Haywards Creek - Con.
- 193) R.-b. Thrush. 4 4/4 99  
10 ft over creek, 10 ft from bank, near  
end of horiz. limb of cottonwood, near  
hog pen, several drains & dung piles.
- 194) Same. 4 fresh 5/4 99  
Brush, 6 ft up.
- 195) Same. 8 ft up on 3 briars in dense  
thicket. 4 large emb. 3/3 99
- 196) Same. 5 ft. up on stump & forgot  
to pick it up on way back.
- 197) W. Fly. Sheldon found it fresh.  
in rotted hole in end of beam under  
bridge. 9 ft up from creek bed. Also  
Tom Benton found one with 1 egg near  
Nelson's barn.
- 198) Sheldon took Cal. Towhee 4  
almost fresh in dense willow sprouts  
on stub. Think I found nests 5/17 &  
failed to record it.
- 199) 5/25 Cal. Towhee. Bell J. took 3  
fresh. Cypress, F. V. Road. Waited for  
them. Outsiders have taken every-  
thing along here this year as soon as 1 egg is laid.
- 200) 6/7 Cal. Quail 18E, small embryos.  
High spot between locust fence, S. of cypress.  
N. W. cor. of field by Smith's fence & pond.



under edge of thistle leaf, in grass.  
I flushed. Found by John Williams  
when cutting thistles. 18/99

201) 6/3 W. W. Pewee. 35 ft on limb of  
gum tree, <sup>s. side of street</sup> over L. Ave. near my house.  
did not molest it. Boys probably shot it down.

202) 6/2 Billy J. reports Dove on nest in  
2d. cypress (along meadow fence) South of  
gap in row. Someone took it.

203) 6/5 Gr. Fly. + large emb.  
17 ft up in hollow near under side of  
limb of oak by junction of shell roads  
by Wm's. house. 1 broken 4/9/99

205) 6/7 R.-b. Thrush. 3 fresh.  
In glade above waterfall below Boliger  
falcon rock

206) 6/7 Red Gil. Warbler. 2, incubation  
4 days. Found by Barrister who looked  
at it again on 6th. Close to ground  
along creek by field 1/2 mile N. of  
forks at Meek place in Crow Canyon  
Says he took on 6th 4 fresh,  
on creek by bend N. of 1st bridge  
past savage dog

207) 6/7 W. W. Pewee. B. reports nest  
on alder, obtainable by rope, by # 206.

June 99

208) 6/7 B. Jay. 3 fresh.  $\frac{1}{2}$  nit. with  
Bannister. 15 ft up in oak near top  
of trail on high hill going to falcon rock.

209) 4/27 Same. just done. 18 ft up in  
groove on hill opp. falcon rock. 6/7 empty

210) W. Flycatcher saw bird light on  
cart inside of shed with a grass blade in  
bill, early morning either 27<sup>th</sup> or 1<sup>st</sup> of  
June. 6/14 nest contained 2 eggs - was  
well built up when found. Last year's  
nest that I looked for then (1898), was close  
by - Both nests on outside rafter of wagon  
shed. Took 4 & 6/18

211) 6/14 Or. Towhee. same pair & style of  
hard shelled egg as #19. Near E side of  
low-running briars. 4 nearly hatched.

212) 6/14 Cal. Towhee. Lining discolored.  
8 ft up in briars on N end of trail be-  
tween near quail oak & big clumps.

213) W. W. Pewee. Appeared done about  
June 1. In depression above butt of  
small limb in cypress S. of b. alley,  
18 ft up. Empty June 14.

214) 6/22 Cal. Towhee 15 ft up in cu-  
cumber vine & cypress opp. tennis (S. W.)  
On July 1 I looked & found 3 eggs nearly hatched.

June-July 1899.

215) 6/22 Quail. 19, small embryos.  
Saw ♂ on lumber & hunted for nest.  
Flushed ♀ after a lot of thrusting &  
tucking into a clump of dry grass  
about a group of poplar suckers near  
S.W. corner of space between poplars &  
hedge. E. A. C. took photo. with my  
camera & with his. 7/19/99

216) 6/23 Quail. Flushed ♀ from 6  
eggs. Took them 4 days later. In ivy  
along base of fence dividing garden &  
clothes yard. Garden side. 6/27/99

217) 6/23 Quail. Flushed by E. A. C. in  
dry grass S. of big magnolia. ♀ flushed  
twice & left it. 20 eggs about hatched.  
Lost them rot after drilling. 2/19/99

218) 7/14 B.-n. Grosbeak. Barrister  
found 3 fresh. 15 ft up in apple tree  
in astrachan patch. Beginning at N.W.  
corner, 3d apple tree from road in 4th  
row. Nest placed where no twigs or branches  
could drop fruit into it. 1/3/99

219) 7/9 2 empty Grosbeak nests in high as-  
trachans near south end.

1899)

220) 7/14~~7~~ same spot exactly as #58.  
B.-h. Grosbeak. 3 slight.

221) 7/17 Cal. Towhee. 4 slight: in  
S. row of astrachans 15 ft up in end  
of cypress limb lodged there.

222) 7/21 Anna's H. 10 ft up on small  
limb of astrachan near S.E. corner of or-  
chard. Appear to have recently held young.

223) 7/26 Quail. 78. W. of greenhouse,  
under a board among refuse lumber  
from burnt house, 3 inches space be-  
tween board & ground. Took 13 cubic. eggs Aug 3.  
Dump cart

~~obliterated everything 7/29.~~

224) 7/29 Quail. Old nest. Grass be-  
tween gas house & well.

225) July. Jay nest top of hollow oak  
on lawn. Missed earlier in season.

226) Jan 1900. Old Grosb. E side of row  
of Va. Greenings N of lawn.

227) Jan 1900. Old Jay. Top hollow oak on lawn.  
Dupl of #25

228) " " " " Vickers N. of lawn.  
hidden extremely well even by leafless tree

POUCH

POULTRY

POUT

PRAISE

PRANCE

PRATTLE

PRAYER

PREACHER

PRECEPT

PREFACE

PRELACY

PRETOR

PRICK

PRIMATE

PRINCE

PRISM

PROBLEM

PROCTOR

PRODIGAL

PROFANE

PROGENY

PROLIX

PROP

PROSAIC

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PORTAL

POPULAR

PONY

POINARD

POMF

POMMEL

POLKA

POLICE

POKER

POACHER

PLURAL

PLUM

PLUG

PLOUGH

PLOD

PLETHORA

PLAYER

PLAUDIT

PLASTER

PLANET

PLAID

PIVOT

PITCHER

PIRACY

1900

1) Mar 24. Holbrook & I visited Falcon nest & found painted chicken egg in original hole. Both falcons seen & one screeched as H. got to cave, indicating she may soon lay. The trail showed signs of some one having visited the place about 3 days ago.

2) Mar. 24. Am. Barn Owl. 6, fresh to slight. In small cave in rock above falcon rock. <sup>6/00</sup> Whelan took 2 fresh about 4/20.

3) 3/24. A. Barn Owl. 1 fresh, 2 fresh or added, 2 small emb., 3 large emb., 1 pipped & 1 young. Took the 8 sound eggs. In big cave where I took young in 1898. Both adults at home. Nest in left hand corner close to roof, made of fur & hair of small mammals & a partly eaten young rabbit against it.

4) 3/24 A. Barn Owl. 7 slight to small emb. "Cave" in rock on top of hill before coming to Buzzard hill. Accessible from below. <sup>7/00</sup>

5) 3/24 A. Barn Owl. 4 fresh in cave 10 ft up from side of hill <sup>(no data blank?)</sup> had to use rope over top. Rock above bees' nest. 2 broken in transportation w/ Holbrook & wheel falling.



Mar. 1900.  
1) 3/24. A. Barn owl. 1 egg, & bird flushed from usual cave in rock on hill below buzzard rock.

7) 3/24 Am. Barn Owl. No owls flushed from E. end of Buzzard Rock but a lively rattler was. Didn't have time to investigate the nest where the dead tree hung. No evidence of Buzzards in their cave.

8) 3/25. W. Redtail. Barnister took set near Laundry Farm prior to Mar. 15.

9) 3/30. W. Redtail. In sycamore on right side of road (100 ft. off) about 50 ft up. No birds in evidence. Moraga Valley.

10) 3/30 Cal. Shrike. Old nest 12 ft up in oak & poison oak on edge of road from Moraga near Fish Ranch Road.

11) 3/30. Duck Hawk took 3 eggs slightly incubated from original rock in Pine Canon. Found pieces of shell to match this rich, dark set on ground at edge of rock across big swale to S. E. Eggs same shape as set of 3 taken in Castle Rock by Holbrook & me last year.

12) 3/30. Cal. Thrasher. 3 eggs taken by Barnister. Shrub with rough edged leaf

Mar. 1900

Redtail

well shaded by N. side of ~~Falcon~~ <sup>Redtail</sup> Rock  
near base. Bird not seen. I obtained set later

13/ 3/30 Am. Barn owl. 2 eggs & 5 or 6  
young in hole in rugged wall of cave  
in centre of Falcon Rock.

14/ 3/30 W. Phoebe. Nest finished, under  
bridge in Moraga. Several old nests of this pair.

15/ 3/31 W. Redtail. 50 to 60 ft up in  
sycamore near Crows. I on limb across  
road & male lit on her back & treaded.

16/ 3/31. W. Redtail. Old nest in alder  
on trail to Prairie Falcon nest.

17/ 3/31. Prairie Falcon. 5, embryos  
forming. Expected almost hatched & ad-  
vanced season. Abe Lincoln said he was  
up here last week & the birds weren't about.  
There were eggs then as incubation was  
fully a week. Heard ♂ before we could  
see the ledge from opposite hill. Soon  
saw ♀ in nest hole. Flushed her & got  
eggs. The birds are a slatey-brown  
above, streaked principally along the  
ribs with dark brown & a singular  
colored stripe along the sides of the head.  
The ♂ soon settled on a dead snag across  
the hill in a slight basin & gave the pump

note. joined <sup>1900</sup> 7 when she came near & almost immediately started back to his perch, uttering notes not like the usual scream. 1/5 60

18) 3/31. H. Eagle. Deserted. Grass growing in the centre. Visible from the road from San Ramon 2? miles toward Dublin. E side of road in furthest tree. 250 yds from road in a wide apart grove of large oaks.

19) 3/28. B-C. N. Heron. 1 egg in cypress near V. Ave. gate. 4/4 4 eggs slight

20) 3/28. Ditto. 1 egg. 3<sup>rd</sup> nest empty. 3, slight, 4/4

21) 3/28. Ditto. 3 eggs. Cypress opp. bowl. Alley steps. Broke 2.

22) 3/28. Ditto Albert J. says 6 or 7 nests in cypress across 2 shell roads from his kitchen. Got a few eggs & broke, lots. say, 3.

23) 3/28 Shells of Ditto. Under cypress to S.W. of 3 S.W. of turnis court. Biley says 2 nests, inaccessible.

24) 4/4 Ditto. 3 fresh to slight, tree #22.

25) " " 3 " " " " " 6 nests, all easy in this tree & 2 reachable with cane & one

1900

2 1/2 ft above other. The top one containing 2 eggs.

26) B-c. N. Heron. 4/5. 4 slight.

Cypress s.w. of old sum. house

27) 4/5. Ditto 4 fresh to slight. Cypress s. of above, on angle of road. Nest with 3 eggs out of hand's reach. Lots of skeletons of young all ~~sizes~~ sizes hanging from tree #22. Green sprouting twigs of locust used in one nests proving the birds break off their material.

27) Apr. 5. Cal. Jay. Begun, 15 ft. up in <sup>small</sup> oak s. of woodpile oak. Abandoned.

28) Apr. 5. Cal. Jay. Looks built, from below. 40 ft or over in oak S.E. cor. lawn. 5, small embryos, Apr. 24. '500

29) Apr. 5. Cal. Towhee. About built. 12 ft. up in s.w. side apple oak. Apr 24 2 about hatched inf.

30) Apr. 6. Cal. Towhee. 4 fresh. broke 1. 10 ft up in briars growing over oak <sup>trunk</sup> in brush lot. Nest of dead weed & grass stems, finer material & lined with long hair. I on nest at last moment. Old nest in same briars '1/300

31) Apr 16. B-c. N. Heron. 4 eggs, climbed for by Foots Bliss. Cypress by honeysuckle fence. Old bird sat on tree & yelled & squawked at him, the first instance I ever noted of remonstrance overcoming their fear. Gave them to him.

- 1900.
- 32) Apr. 16. Same. 4 slight '1/4"  
Cypress to left of garden gate.
- 33) Apr. 16. Same 3 heavily incubated. not  
yet blown. Same tree.
- 34) Apr. 16. Same. Embryos forming. 4 eggs.  
Same tree.
- 35) Apr. 16. 5 almost hatched. Cypress N.  
W. corner of croquet. Not yet blown.
- 36) Apr. 16. Same tree. 3, to Toots Bless.
- 37) " " #32 "
- 37) Apr. 15. P. Tit. Got Ethel to put her  
hand in hollow S. W. of barn. No eggs.  
Birds about. May 2, appears deserted.
- 38) Apr. May 3. P. Tit. Billy J. reports large  
young. Hollow in oak, pasture, by Sather's.
- 39) Apr. 23. Cal. Jay. 4 almost hatched + 5th  
inf. 30ft. up in oak in lot opp.  
Palmer's. Red Phase.
- 40) Apr. 28. Cal. Towhee. 17 + 22. 7ft up  
in matted branches of cypress, S. W. cor  
of pasture
- 41) Apr. 28. Cal. Towhee. 1258. 12ft up. Birds  
further quail oak. vacant May 1st.
- 42) Apr. 28. W. Fly. 28. smaller shed  
under big tanks. Looked at it May 1 +  
it held 3 eggs. Look H, May 3.  
Broken.

OVAL

OTTER

ORPHAN

ORLOF

ORGAN

ORB

OPTIC

OPITATE

OPERA

OPAL

OMELT

OMEGA

OFFAL

OCTAGON

OCHRE

OCEANIC

OCCULT

OCCASION

ORTUSE

OBSTACLE

OBSERVER

OBSCENE

OBLONG

OBLIQUE

- 1900
- 43) Apr 17. B.C. N. Heron. 11/400  
H with plenty feathers. 50ft. in cypress.
- 44) Apr 18. B.C. N. Heron. 12/400  
H with plenty feathers. 50ft. in cypress.
- 45) Apr. 23. B.C. N. Heron. 13/400  
H, slight. 35ft. cypress near Taribaldi's.
- 46) Apr. 23. B.C. N. Heron. 14/400  
H, ~~large~~ small emb. 35ft cypress near Taribaldi's.
- 47) Apr. 25. B.C. N. Heron. 15/400  
2 fresh 35ft, cypress, near Taribaldi's.
- 48) Apr. 25. B.C. N. Heron. 2 nests of young & several nests not accessible & probably 5 to 8 nests in other cypresses not climbed. All near Taribaldi's.
- 49) Apr. 19. B.C. N. Heron. 16/300  
3, fresh. 50ft. cypress.
- 50) Apr. 17. B.C. N. Heron. 17/300  
3, slight. 50ft. cypress.
- 51) Apr. 17. B.C. N. Heron. 18/400  
H, slight. 50ft. cypress.
- 52) May 5. Ark. Goldf. H about hatched. W side of cypress on W. row on F.V. road.
- 53) May 5. Park Wren. young just hatching. In lath over window in servants' d. room.
- 54) May 7. L. Screech Owl. Big oak in pasture opp. "Salvation Army" Smith's. a

1900

man with rifle shooting at bird attracted  
my attention. He was with the Smith people  
& said had investigated with a ladder &  
found no nest. I climbed up to lower  
hollow & saw nothing. It was dusk &  
the owl struck me 3 times on back of  
head just above neck. Must have nest  
in one of the high hollows.

55) May 19 Anna's Hum. 1 fresh. Set  
taken on 23<sup>d</sup>. On foliage & twigs of E.  
side of cypress west of cypress S. of ten-  
nis court. 16 ft. up.

56) May 19! B.-h. Grosbeak. H 2888  
out of reach side - top of oak S. of cyp-  
press S. of tennis. ♂ on nest, later  
joined by ♀, both making big fuss,  
but ♂ did the most.

57) May 18. Cal. Partridge. 18 fresh  
12 of the "Gambeli" type taken 15 9 left  
in nest. A few days later found only  
6 left & some of them scattered about.  
Under lavender & dead grass on original  
site of octagon summer house.

58) May 16. Cal. Towhee. H, slight.  
59) " " " " 3 1/2 " Both  
in astrakhan orchard near cypresses, in same row



1900

& about 13 ft. up & composed of rootlets of *astrachalis* wild grass, with usual hair lining

60) June 5. Cal. Jay. Old nest & young flying about. Thick foliated, straight oak in main grove S. of S. G. ave.

61) June 5. Or. Towhee 3 eggs: thus found on 2d. On ground ~~in~~ under small, dead foliated pine branch recently fallen alive. Near N. end of pines & on W. side of east row. Nest as usual in materials. <sup>1/3</sup> 00

62) June 8. Or. Towhee. 2 eggs. 3 next day. 3 taken on <sup>13</sup>th. 2 3/4 ft up in geranium & rose bush by window of butlers room. Nest as usual in materials. <sup>1/3</sup> 00

63) June 8. C. Quail. 14 eggs. 16 taken on 10th. Flushed bird 3 successive days. In a periwinkle bed betw. shoe roads. <sup>16</sup> 00

64) June 9. B.-h. Grosbeak: 1 egg. 3 taken on 14. Parents made no demonstration. 20 ft up in pear near N. W. cor. of pear orchard. Nest of stiff, small stems & red rootlets & a little dry grass. Lined with red & brown rootlets, rather coarse. <sup>1/3</sup> 00

65) June 7. Cal. Towhee? 12 ft up in winter Nellis pear near pines. Empty. The branch snapped as I bent it over &



1900

the birds left. No birds seen when found nest

OBLATION

66) June 11. Yellow Warbler. 9 ft up near top of willow. N. end of Barker-Smith field. Old birds about & nest bore evidence of young having been in it & the tree sapling was skinned by a recent climber.

OBITU

OBELISK

OATH

OAK

NURSERY

NUPITAL

67) June 14. C. Quail. Nest of shells and 3 eggs. In hard sand under dry wild alfalfa on high land in meadow on slope toward High St. This is first nest I ever noticed E of cow shed.

NOMERAT

NUDE

NOVICE

NOVELTY

NOTCH

NOSTRIL

68) July 12. Cal. Jay. Old nest in oak over g. g. house. 35 ft up on side of N. horiz. limb

NORMAL

NOOSE

NOMAD

NOISE

69) July 12. Cal. Jay. 9 ft up in as-trachan near N.E. Cor. Young full grown flying around.

NORBLE

NIMBLE

NIECE

70) July 29. Cal. Jay. 4 eggs, 1 day aged by falling fruit? All abandoned when fresh. 15 ft up in thick as-trachan. Now dry & could have been saved but I put them in nest & on wagon set & sat on them. Red phase & same bird as the sets of 1899 & 1898. Nest

NICKLE

NEUTER

NESTLE

NERVE

hardly larger than Grosbeaks & not much foundation. Of sticks, rootlets & lined with finer rootlets.

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71) M. Duce. Sept 1. Nest of fine stiff weeds. Rather deep, a/c softer material than sticks. In crotch of w. currant betw. b. alley & fence of pasture. Found about 3 wks ago by John who flushed bird when harrowing. Nest clean, appears no young raised.

---

72) B. L. Grosb. Found after leaves had fallen in 1st old apricot. In sprouts of end of trimmed limb.

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	MUSLIN
	MUSIC

1901.

- 1.) March 11. Sam. Song Sparrow.  
3 fresh. Taken by Bliss & Rogers who  
took several sets from land between wagon  
bridge near Anderson's <sup>7/3'01</sup> whf. to Vers. Ave.
- 
- 2) 3/20 A. Barn Owl. nothing in rock  
above Duck Hawk nest. Flushed pair  
from big cave in rock where I took  
young & found eggs & young 3/24/00, &  
found partly eaten rabbit & 3 field  
mice. (2 nests)
- 
- 3) 3/20 A. Barn Owl. ~~4~~ 5 eggs. 2 started  
& 3 fresh. Up gully, stood on rocks in  
front & took eggs by reaching into a  
small cave with perpendicular opening.  
eggs in a sort of hollow rock & sand to  
left hand side. Sets previously taken  
from here. Photo of me on rock taking  
them to-day. ~~4~~ 5'01
- 
- 4) 3/20 A. Barn Owl. Stood on ledge  
of nearest minor "Vulture Rock"  
& looked down into a half lateral  
& half perpendicular opening in large  
rock to west & saw 5 eggs. Set rope run  
through crotch of one of numerous small  
laurels on crest & went over the bulging  
side & swung into nest. Had to hold

1901

rope while laying on my back & loosen  
basket & could just reach in & get eggs.  
Put them loose into basket & Edgar had  
more than he could do to pull me up.  
I went hand over hand & then he pulled  
in the slack & let me rest momentarily.  
I had to make it alone over the bulge  
for 10 ft & being tired from previous  
work my hands gave out & I had to  
use my teeth every time I wanted a  
fresh grip. Hole about 2 1/2 ft in &  
8 or 9 ft long & eggs on flat sandy part.  
2 started, bal. fresh.

5) 3/20. D. H. Owl. While crossing from  
last minor "Vulture Rock" to low  
ledge west of rattlesnake ledge flushed  
♂ from oak. Lit on low rock 100 yds  
off & a rifle shot stirred him up to  
another 100 yds off. Threw rock up  
small gully 35 ft from bottom of  
rock where the soil covers it & flushed  
♀ & a Barn owl from opposite  
side. Spent 3 hours alone trying to  
reach nest from above or below while  
Edgar had gone down to creek to  
wet up & take photos. King & I re-

1901.

turned on 24<sup>th</sup> & tackled this job last. Flushed ♀ & by helping each other got 3 eggs. Hole circular, about 2 1/2 ft in diam. & almost open faced. In ~~East~~ side of narrow gully. A few bones & feathers of parent & thin layer of dust, dirt was the nest. 1/3 '01 Small embryos

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6) 3/20 A. Barn Owl. A small cave with small circular opening, in fact a hole in rock with the rim intact unlike other nests. We boosted, hauled & lowered up to 2d open cave above nest & King descended by rope & found 1 egg.

---

7) 3/24 A. Barn Owl. In low rock below ratter ledge. Young about week old.

---

8) 3/24 A. Barn Owl. Low down in ratter ledge in nice depression in cave under dead oak tree. Bees nest gone now. Accessible from below. 6 eggs, slightly incub. '6 01

Flushed another from same cave & pair from tunnel below but can't reach in <sup>far enough</sup> to determine if it's a nest.

---

1901

7) 3/24 J. Vulture. Ascended ledge from #8 & came to cave where eggs were taken to in 1899: Looks as if spot was shuffled out preparatory for eggs.

10) 3/24) H. Barn owl. King went down from near ratter crevice & got 4 eggs. <sup>slightly incub.</sup> Nest under ledge where big square chunks had fallen away & he had to swing in under main ledge. Had too much of a job hauling up over 2 surfaces & let him down to another cave & changed rope & helped him up west side of ledge. One or two more nests he couldn't reach into: says saw eggs in one. Barn-  
mister had to ring on this too.

11) 3/24 Dk. Hawk. Met Antone Gomez alias "Mike". Says he goes to nest every 2 days. Used to be a sailor. Got only 2 eggs last year & put painted chicken egg in nest we got 3/24. Says is going to get a few & send them east & wanted to know how much they were worth. He denied being Wheeler's agent but I tripped him up when he said he didn't

1901

want to say how much per egg Wheeler was paying. Said one of birds died last year, but I discredit it. I also know his Wheeler's agent because of the way Wheeler said (when he met Toots & I coming home & he was going toward Hayward's) well! you didn't get anything up there this morning, did you!"

---

12) Mar. 21. Cal. Jay. In low limbs of pine back of hen yard. Later: either old or abandoned.

---

13) Mar. 21. G. B. Tit. 10ft. up. oak over long-berry patch. Examined Apr. 14, empty.

---

14) Mar. 21. G. B. Tit. 14ft. up. oak ~~on~~ S. side of back road at east turn. Abandoned before completed.

---

15) Mar. 21. G. B. Tit. 10ft. up. <sup>3rd</sup> oak N. of hen yard. Old?

---

16) Mar. 30. Prairie Falcon & Duck Hawk. at 4 p.m. saw a bird in ledge where I took previous sets of P. F. & after crossing canon found it to be a Duck Hawk. A pair of these, present, apparently drove P. F. away. Examined 2 other



ledges to eastward, in latter one, one  
of birds was sitting <sup>and</sup> uttering the  
"chuck" or "chug" note. They were  
well seen on the original ledge but  
made no demonstration as if they  
had eggs, <sup>and</sup> by the time we reached  
the other ledges both birds were present  
if they had had eggs they would  
have returned to the original ledge  
wherefrom the usurpers would  
naturally choose a site especially  
in the domicile of their predecessors.  
No P. F. noted on Pine Canon rocks  
Apr. 14.

17) Apr. 14 T. Tulture. 2 finely  
"smeared" eggs, in narrow passage  
way of cave, with opening running  
out as well as into cave, made by  
position of lodged rocks. Small em-  
bryos. Same place as #149 1899.  
In 1900 we were probably several  
days too early.  $\frac{1}{2}$  or

18) Apr. 14. Duck Hawk. 3, small  
embryos. In original cave in Pine  
Canon. <sup>30</sup> after being flushed soon  
lit on pine to eastward <sup>and</sup> 6 did.

1901.

considerable calling <sup>and</sup> never alighted.  
As we got near nest rock <sup>and</sup> returned  
<sup>and</sup> became demonstrative <sup>and</sup> " to  
pride as we departed. Same <sup>as</sup> #10-1899  
+ #11-1900 <sup>and</sup>

19) Apr. 14. Cal. Barn owl. Young <sup>and</sup>  
eggs. In cave opening N. <sup>and</sup> S. in above  
rock where nest was previously.

20) Apr. 14. Cal. Thrasher. Old nest, se-  
quel to #12-1900 near same place.

21) Apr. 15. Cal. Jay. 4, large embryos.  
.13 ft up in end of horiz. limb in oak  
whose branches almost met another,  
in Edith's lot. 1/4 01

22) Apr. 15. Cal. Jay. 6 small embryos.  
30 ft up in top of oak N. of my house  
in E. H. C. lot. 1/6 01  
Hard climb over elbow.

23) Apr. 16. Cal. Jay. 5 small embryos.  
20 ft up in S. side of large bushy oak  
S. of road S. of old barn, in pasture.  
An old nest in oak S.W. 1/5 01

24) Apr. 14 Cal. Jay. 5, slight. Taken  
in top of oak 30 ft up by Postel  
near Bawdy. <sup>and</sup> San Jose Ave. 2/5 01

25) Apr. 7. C. B. Tit. 7 eggs. 10 ft  
in oak near Bawdy. S. J. Ave. by  
Postel. XXXXXX 1/6 01 fresh or begun.

- 26) Apr. 12. B.-c. N. Heron. 4, slight.  
1/401 Incypress S.E. of V. ave gate. MAW
- 27) Apr. 12. B.-c. N. Heron 3 slight.  
Same tree. 2/301 MATTOCK
- 28) Apr. 12. B.-c. N. Heron. 4, begun  
Same tree. 3/401 MATRON
- 29) Apr. 12. B.-c. N. Heron. 2 slight, shells  
covered with yelk. eastern cypress of  
2 N. of wire yard. 4/501 MATERIAL
- 30) Apr. 12. B.-c. N. Heron. 3, slight.  
western cypress of two N. of wire yard. 5/301 MASTER
- 31) Apr. 12. B.-c. N. Heron. 4 out of  
reach on straight perpendicular limb  
of cypress N. of one N. of coachman's house.  
One building & one building in tree  
#30. MASK
- 32) Apr. 19 Cal. Jay. 5, fair sized embryos.  
20ft up in small oak on N.W. cor. of lawn,  
by cypresses. MARVEL
- 33) Apr. 19. Cal. Jay. 4 fresh & bird  
on nest 10 a.m. Took them fresh 4/2.  
9ft up in big oak S. of old house. Red  
phase. Same ♀ as previous red sets. MARSHAL
- 34) Apr. 23. Cal. Towhee. 4, begun. Bird  
on 3 eggs Apr. 21. 20ft up in end of limb  
of oak by tennis. 1/401 MARROW

1901

35) Apr. 20. B.-c. N. Heron, 4, slight.  
Taken for me by Ed. Rogers, about 40  
ft. up in cypress S. of astrachans. Other  
been robbed by small boys. 6/4 or.

36) Apr. 21. B.-c. N. Heron, 4, slight.  
50 to 60 ft. Cypress by garden fence.  
only nest in this tree. 7/4 or.

37) Apr. 21. B.-c. N. Heron, 5, slight.  
50 to 60 ft. cypress w. of #36. 8/5 or.

38) Apr. 21. B.-c. N. Heron, 3, slight.  
50 to 60 ft. Cypress S.W. of old sum. house. <sup>larger</sup> 9/6 or.

39) Apr. 21. B.-c. N. Heron, 4, slight.  
50 to 60 ft. same tree as #38. 10/4 or.

40) Apr. 21. B.-c. N. Heron, 4, slight.  
50 to 60 ft. cypress N. of garden gate. <sup>larger</sup> 11/4 or.

41) Apr. 21. B.-c. N. Heron, 4, slight.  
50 to 60 ft. cypress #40. 12/4

42) Apr. 21. B.-c. N. Heron 4 or 5 nests  
with eggs out of hand's reach. Tree #40.

43) up to May 12. B.-c. N. Heron. Did  
not examine cypresses by bowl. alley,  
or N. of croquet, & other nests a second  
time either building or for second sets,  
or cypresses along W. end of shell roads,  
or by N.E. end or N. of same, owing  
to want of time, but saw broken.

- ~~#35 or~~  
 2998 <sup>egg</sup> shells from young here & there.  
 44) Apr. 23. B.-c. W. Heron, 5 slight.  
 50 to 60 ft. in cypress #37.  
 Nest in crown of a perpendicular  
 limb. Rested on trunk branches &  
 used pole <sup>egg</sup> tin can.
- 45) May 3. Cal. Jay. 5, begun, 4/5 or  
 Parents of #32 taken Apr. 19, 5 eggs, soon  
 had another nest in western vicar  
 N. of lawn. Found begun Apr. 21.
- 46) May 3. Cal. Jay. 4 embryos forming.  
 4 eggs taken from same pair Apr. 15  
 50 ft distant. Nest 9 ft up in end of limb  
 of bushy live-oak. 5/4 or
- 47) May 5. Cal. Jay. 6, fresh. 6/6 or  
 sequel to #33, Red Phase, taken 4/19.  
 13 ft in astrachan. Light foundation  
 of twigs. Cupped with apple rootlets.  
 Hair lining.
- 48) May 6. Cal. Jay. 3, emb. forming.  
 40 ft up in crown of branch of large  
 live-oak in pasture, 200 ft from #23,  
 Apr. 16, 5 eggs. "Toots Bliss" & I got it  
 with rope. 7/3 or
- 49) May 6. Cal. Jay. 2 slight & one egg  
 over edge of nest fresh. 8/3 or 12 ft up in

1901.

large astrachan in S. row, N. of pear ave.  
Large wads of hair used for lining also  
the usual long hair. The date indi-  
cates a second set but doe not run  
across this pair before.

50) May 3. Cal. Towhee. 3 fresh.  $\frac{1}{3}$  or  
2 ft or over in cypress, near outside.  
H. & S. of tennis.

51) May 3. Cal. Towhee. Young in  
down. Shoots of oak stub back of ore  
gas house.

52) May 3. C. B. Tit. Young gone. 10 ft  
up in palm blossoms in rose bed.

53) May 1. Cal. Towhee. 4 fresh. In  
bush near creek. 3 ft up. Taken by T.  
Benton, Longa Heights.  $2\frac{1}{4}$  or

54) May 1. S. Song Sparrow. 4, slight.  
By T. Benton. 6 ft. wild blk berry vines  
close to creek by Talcott's. Nest of dead,  
fine grass: ~~Horse hair~~ <sup>4</sup>/<sub>4</sub> lining of soap root?

55) May 4. Sam. Song Spar. 3, small  
emb.  $2\frac{1}{2}$  over water, E. bank, S. of  
Petersens. On slab of old split willow  
stump with the balance for a back-wall  
Covered over with "blade" grass. Took  
set of 3 here in 1899.  $2\frac{1}{3}$  or

1901.

56.) May 7. Wren Tit. 4 slight.  $\frac{2}{4}$  or  
4 ft up in scant long briars under  
small willows. E. bank of creek not  
far north of Petersen's.

LUXURY  
LUSTFUL  
LURID  
LUNCH

57.) May 7. Wren Tit. 5 almost fresh  
4 ft up in pipe stems. Near #56  $\frac{2}{5}$  or  
similar site.

LUNACY  
LUGGER  
LUFF

58.) May 7. C. B. Tit. 8 slight. 10 ft up  
in willow with dead twigs & briars.  
W. bank S. of bridge by Nelsons.  $\frac{2}{7}$  or

LEGRE  
LUGGER  
LUCID

59.) May 7. C. B. Tit. One or two nests  
whence young left, 3 with young, 1  
not yet tenanted, one with 2 eggs.  
In poplars & balsam willows &  
briars - & - willows.

LOBBED  
LOYAL  
LOVELY  
LOUNGE  
LOTION

60.) May 7. Al. Hummer  $\frac{2}{2}$  or  
Small embryos. I well seen. 6 ft up  
on edge of bank on a briar among  
willows.

LOGIC  
LOFTY  
LOGGE  
LOCUST

61.) May 1. Ark. Goldfinch. 4 fresh  $\frac{2}{4}$  or  
20 ft. near top of walnut. By J. Benton  
at Lrona Heights.

LOCKER  
LOCKE  
LOBSTER

62.) May 7. Brew. Blackbird. 5, just  
begun. Willow, 10 ft. Creek bank S. of Peter-  
sen's.

LOBBY  
LOAN  
 $\frac{1}{5}$  or



1901.

- 63) May 7. Brew. Blackbird. 2 fresh,  
2 emb. forming. 10 ft. small poplar  
at edge of creek S. of Petersen's. 2/4 or
- 64) May 7. Brew. Blackbird. 4  
fresh. 12 ft. in cypress <sup>3/4</sup> at Petersen's.
- 65) May 7. Brew. Blackbird. 4, slight  
to emb. forming. 12 ft, cypress at <sup>1 1/4</sup> Petersen's.
- 66) May 7. Brew. Blackbird. 5, begun  
12 ft. same tree as #65. 5/5
- 67) May 7. H. Finch 4 slight. poplar  
4 ft. among willows & thick growth on  
creek bank by Petersen's. 1/4 or
- 68) May 7. H. Finch. 5, slight. 4 ft. up  
on small stub & sprouts of second growth  
of cottonwood on creek bank. 2/5 or
- 69) May 1. H. Finch, by T. Benton,  
Brona Heights. Briars along creek, 5 ft.  
fresh. 4 eggs. 3/4 or
- 70) May 12. Brew. Blackbird, 5, slight.  
10 ft in willow, Petersen's "Slough". 6/5 or
- 71) May 12. Brew. Blackbird, 4, variously slight.  
15 ft, willow, "Petersen's Slough". 7/4 or
- 72) May 12. Brew. Blackbird. 5, slight &  
begun, 10 ft, in top of small willow along  
"Petersen's Slough" 8/5 or



43) May 12. Brew. Blackbird. 4, slight  
10ft. willow, "Petersen's Slough." 9/4 of

44) May 12. Brew. Blackbird. 5, fresh to  
begin. 10ft. willow, "Petersen's Slough" 10/5 of

45) May 12. Brew. Blackbird. 5 slight  
8ft. willow, (absent from colony, 1st  
nest ever found here) 300 yds N. of  
Petersen's on bank west side of w. bank.

46) May 12 B. h. Grosb. 3 slight. 1/3 of  
Found May 7 with 1 egg. 7ft up in nar-  
rows over stream.

47) May 12. S. S. Spar. 3, slight. 1/3 of  
3ft up in top of briar clump. High bank (E)  
N. of big bridge. No hair living.

48) May 12. Cal. Towhee 3, fresh. 3/3 of  
5ft. up on <sup>willow</sup> stump grown out with sprouts  
over creek. N. of Big Bridge.

49) May 12. Cal. Towhee, 3 fresh. 4/3 of  
near #78. 12 ft over centre of creek in  
intersecting branches of 2 willows on each  
bank.

80) May 12. Cal. Towhee. 3, slight. 5/3 of  
9ft up on stump of willow grown out again.  
on bank.

81) May 12. Cal. Towhee. 3, fair embryos.  
9ft up among willow branches & briars &  
against trunk on Bank of Creek. 6/3 of

1901

- 82) May 12. C. B. Tit. 5, fresh.  $\frac{3}{5}$  or  
10 ft up in willow on Creek.
- 83) May 12. C. B. Tit. 6, slight.  $\frac{4}{6}$  or  
12 ft. in big poplar on creek bank.
- 84) May 12. C. B. Tit. 8, one broken by Benton  
20 ft. tall willow over creek. Bent tree  
down. Fresh.  $\frac{5}{7}$  or
- 85) May 12. C. B. Tit. 7, fresh.  $\frac{6}{7}$  or  
6 ft. poplar by "Petersen's Slough."
- 86) May 12. Wil. Goldf. 5 + nest.  $\frac{n}{5}$  or  
Fresh. 8 ft up in quadruple notch in heavy  
sprouts of cut back cottonwood.
- 87) May 12. Wil. Goldf. 5 + nest.  $\frac{n}{2}$  or  
Fresh. 8 ft up in willow. Hayw. Creek.
- 88) May 12. Wil. Goldf. 5, slight.  $\frac{n}{3}$  or  
10 ft. willow. N. of Big Bridge.
- 89) May 12. Wil. Goldf. 5, small mt.  $\frac{n}{4}$  or  
9 ft willow on bank.
- 90) May 12. Wil. Goldf. 4, slight.  $\frac{n}{5}$  or  
In pipe stem thicket. 5 ft up in willow.
- 91) May 12. Al. Hummer, 2 fresh  $\frac{n}{2}$  or  
6 ft up over water, on single spray of  
blackberry + drift under nest.  $\frac{n}{4}$  or
- 92) Apr. 16. C. B. Tit. Rifled. In lot N.  
of my house.

1901.

- 93) Apr. 16. Cal. Jay. Old nest. bak. my lot near Painters.  
94) " " " " Heard young & saw old one by nest in Painters. She stepped out as soon as she saw me & young were immediately quiet.  
95) May 20 Yellow Warbler 9 ft up in stout birch at edge of brush in pipe grass patch n. of Petersens. Incubation 1 week.  
96) May 20. S. S. Sparrow. 3, slight nest found 5/12. 2 ft up in pipe grass S. of above clump.  
97) May 20. S. Marsh S. Sparrow. 4 fresh. 2 1/2 ft. in pipe grass at edge of clump. n/4 or  
98) May 20. S. S. Spar. 2 stale eggs near above.  
99) May 20. Wil. Goldfinch. 4 fresh. 6 ft in small poplar in clump (#95). n/4 or  
100) May 20. Wil. Goldfinch. 4 fresh. 4 ft. in poplar sprouts in clump (#95). 1/4 or  
101) May 7. Cal. Towhee; 3, fair sized embryos. 9 ft up in willow stump sprouted, on edge of creek. 7/30  
102) May 20. H. Finch. 4 fresh. 9 ft up in side crotch of willow in clump (#95) 2/4 or

1901.

103) May 12. H. Finch. 5 fresh or nearly so. 6 ft. in apricot near creek. Mud,  $\frac{3}{5}$  or weeds & fibres, plant down, horse hair & flax.

104) May 12. H. Finch. 5 fresh. Nest in briars along creek. Rootlets, fine grass, fibres & a little hair.  $\frac{4}{5}$  or

105) May 12. C. B. Tit; 6, small emb. Along Hayward's Creek.  $\frac{7}{6}$  or

106) May 12. Cal. Towhee. 2 stale. In brush along creek.  $\frac{1}{2}$  or.

107) May 17. Cal. Partridge. 11 eggs, various sizes. Nearly all foul smelling. In thistles close to High St bridge.  $\frac{1}{11}$  or

108) May 18, 6 eggs; Cal. Partridge; 18 fresh. Under dead leaves of small "twin" palm tree (dead) by oak E. of E. porch.  $\frac{1}{18}$  or

109) May 5. Cal. Partridge. June 5. 5 fresh. 3 together & 2 6 inches distant. Taken 6/8. Under briars & against cypress log near N.W. cor. of brush lot.  $\frac{1}{5}$  or

110) June 5. Cal. Partridge. 15, <sup>very large</sup> ~~fair sized~~ embryos. Nest place under big cypress stump with scant grass concealment. In log pile by hot house. Bird off. Found her on nest, a close sitter 6:15 p.m.

June 8. Took 1 egg to test.

110) Apr. 25. Cal. Jay. Young just out.  
25 ft. in thick ~~too~~ growth of "willow"  
growth of oak N. of fallen oak on N.  
fence of pasture.

111) May 7. Cal. Jay. Begun. oak S. E.  
cor. my V. Ave. lot. Young able to fly  
on - see #135 -

112) May 5 Anna? Hummer. Old nest  
on ground near S. end of astr. orchard.

113) May 17. Cal. Partridge. 11 eggs various  
sizes, some stale in clump of thistles close  
to High St. bridge. Dupl of #107

114) May 17. Cal. Jay. It too far gone to save.  
1 ft. up in small oak in open W. of quail  
oaks.

115) May 17. C. B. Tit. 18 ft. small oak  
of 2 S. of jays above. Didn't investigate

116) May 17. C. Jay. Begun & abandoned.  
small oak S. E. of oak by Smith's hen yard.

117) May 18. Cal. Partr. 6 eggs between 2  
low, dead, twin sprouts of palm S. of  
oak E. of d. room. Took  
eggs. Dupl of #108

118) May 18. C. B. Tit. in palm by ter-  
racians. ~~from~~ oak by 1st one, 1907.

1901.

119) May 18. Fairdner's W. Birds about excavation in dead poplar limb, too risky to climb. First record inside Frinside, but I did not see eggs or young, but at this date it is positive they have nested.

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120) May 25. C. Jay. Begun & abandoned. Winter remains by g. murdis.

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121) June 2. John Williams reports quail nest & 32 eggs in thistles in Sathers about 2 weeks ago. I looked for it unsuccessfully.

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122) June 5. Cal. Partr. 15, nearly out. Under an uneven, large cypress but back of engine house. Dupl of #110.

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123) June 9. Cal. Part. 16 fresh in salt grass at waterside. 100? yds from road. Taken 6/11, 11 fresh. 2/11 01

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124) June 10. Cal. Part. 20 yds nearer road than #123. 16 eggs far advanced. Took them later & put them under chick. & a strange hen flushed & broke 5, but 15 hatched next day. Gave to J. Brinton.

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125) June 10. Cal. Partr. 13 rather stale. Under pines on F. V. <sup>1/13 01</sup> road. In grass under a briar & part of <sup>small</sup> dead leafless branch fallen.

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126) June 10 Allen's Hummer. 2 just out.

10 ft. over west bank of road in 4<sup>th</sup> or 5<sup>th</sup>  
Express from pines.

127) June 10. Cal. Partr. 1 egg at random  
on high ground in meadow.

128) June 11. Cal. Partr. 15 state, plus  
6 broken. In grass, 35 ft. from crest of  
waterside levee on High St. 1/23<sup>rd</sup> with #134

129) June 11. Cal. Partr. near #128.  
In grass. Brood departed.

130) June 13. Cal. Partr. 4 eggs. 2 dy,  
against N. side of engine house. Saw it again  
with 8 eggs, Gambeli type. Think Laving  
took them.

131) <sup>Cal. Partridge</sup> June 29? 2 random eggs in early  
rose & bud patch.

132) <sup>Cal. Partridge</sup> July 12? Egg shells of brood in Burbank  
patch.

133) <sup>quail</sup> July 13. Or. Towhee. 3 eggs. Usual  
briars under N. quail oak. Took 6/15,  
small emb. Did not? take set of this  
bird in 1900 & eggs are like those of some  
preceding sets from this spot. 1/30

134) June 15. Cal. Partr. 19 state. Grass  
near #128 & 129. with #128

135) June 22. <sup>Cal. Jay in my r. ave lot</sup> Young about leaving. Found  
nest building & after 2d visit saw it no

1901.

more completed & supposed it abandoned.

136) June 28. W. Flyc. H just begun. Saw  
bird carrying material on 18<sup>th</sup> over window  
in back parlor in old house. N/4 or.

137) July 7 Cal. Jay. Young unfeathered.  
Astrachans, south end. Parents of 2 sets  
red phase this year, as indicated by shell  
below nest.

138) Aug 18. Cal. Partridge. Shells of hatched  
eggs. In ivy against S. side of back house  
by pump house.

139. May 7. B.-h. Grosb. 2 eggs in brush 5 1/2  
ft. over stream N. of Petersens. Empty major.



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1907.

1) Mar. 30. B.-c. N. Heron, 1 egg. Cypress by gate where I found first nest of this species at Ferris side. The other 2 nests in this tree are totally gone, owing probably to the severe storm, Mar 1. 2 new ones built. 3 fresh eggs, 4/4/07. 1302

2) 3/30 Eng. Spar. 1 egg. In big mass of rubbish & matted growth near top of above tree. 4/4 3 eggs in it.

3) 3/30 Eng. Spar. Poked one down, just done, in oak N. of stable.

4) 3/30 C. B. Tit. 3/4 completed, in sprig off big limb of orchard gas house oak. 11 ft. up. 4/18 got 5 eggs. Charlie tore it down & put nest on post. Eng Sparrows began nesting in cavity below, & tore it up. 3/502

5) 3/31. C. B. Tit. 1/2 completed, 9 ft. up in small oak in clearing W. of quail oaks. 4/17 7 eggs. Duplicated by #39. beginning in 1902

6) 3/31. Cal. Jay. Begun. 18 ft up in slim oak against oak against Smith's hen yard. Visited

7) 4/2 Salt Marsh about 4/11 & birds about; again 4/17, empty & no birds about.

7) 4/2. Salt Marsh S. S. 4, small emb. 2/402. About 8 in from ground in the salt "grass" that covers the marsh. At edge of dry slough close to foot of Vers. Ave. Bird flushed, 15 ft away.

8) 4/2 Salt Marsh S. S. 3 fresh 2/302. Near foot of Pearl St. In marsh sunflower bush on main

1902

gold about 6 in from ground. Of dead marsh  
grasses lined with finer particles & few horsehair

9) 4/2. Salt M. Song Spar. From Pearl to High  
St to island P. Bannister & I found also another  
of 4 & of 3 which were his share. Also three  
nests with 1 egg each, 3 with 3 birds several  
days old & 3 old nests. All similarly con-  
structed & about 4 to 8 in in marsh marigolds.

10) 4/3 Salt Marsh S. S. 3 fresh on edge of  
Lawrences dike back of sand hills. In marsh  
marigold. Broke 2.

11) 4/3 Salt Marsh S. Sp. 3 ~~fresh~~<sup>3 5 or</sup>. In marsh  
marigold back of sand hills. 4. 2 added, 2 heavy.

12) 4/3 Salt Marsh S. Sp. 3, good sized emb.  
In marsh marigold back of sand hills. 4/3 or

(3+14) 4/3 Salt Marsh S. Sp. 2 sets of 3 which  
were Bannisters share.

15) 4/3 Salt Marsh S. Sp. 3 small eggs 4/2 or

15) 4/3. Salt Marsh S. Sp. on this strip of  
marsh, all in marsh marigold were 2  
nests of small young & a few old nests. Max  
all in that portion nearest sandhills where  
there are the most bushes.

16) 4/5. Dus. Horn. Owl. Nest up gully  
in Crow Canon gone from 27 canore

1907.

most likely blown down. Young fellow at Vagtsburg Exchange says took 4 eggs from hawk's nest; go up Gull canon & pass thru gate & nest is in first gulch to right.

17) 4/5. T. Vulture. In crow canon near Hogrefe's line fence under pile of rocks is a flat sandy cave 3 ft wide by about 5 deep. Same fellow who told me about nest #16 said he got eggs here 2 or 3 years ago. I found the place, near top of hill, but it was empty & no buzzards seen. Cross creek at left or r. side of road at campers buckeye tree & go uphill

18) 4/5 W. Redtail. New nest near top of alders N. of Buzzard cliff at end of Canon. No time to go to it.

19) 4/5 Duck Hawk. No time to go to it. Portuguese in cabin after leaving Martins said Gomez was living in Hayward & was up here yest or day before.

20) 4/5 Bust. Horn. Owl. 2, heavy. 1/2 or Flushed bird from Nest #5-1901. Deserted 4/27.

21) 4/5 Bust. H. O. Barnister went down round rock to big owl cage (in rock below buzzard ledge) & in cave above Barn owl cave & found 2 eggs. Deserted 4/27.

22) 4/5 Am. Barn Owl. Examined the nest by Bubo nest; empty; all the others in buzzard ledge were with exception of 1 or 2 that had a fresh egg. There were 3 dead ones in the caves.

23) 4/5 T. Vulture. In cave in Buzzard Ledge where we got sets 4/27 & 3/27 1899 were, a figure 8 made in sand by rattle & a long trail along wall where he crawled.

24) 4/2. B.-c. H. Heron. 3 eggs, 10 Bannister Cypress by Soltan's pasture. Several others empty. Apparently mostly driven away from this row of trees. Examined 8 nests in tree s. of Choquet & several by fork of shell roads & all empty.

25) 4/4 Cal. Jay. 1E. 2 yr. old nest repatched. Top of oak in lot N. of my house. Bird on 7:30 a.m. Abandoned & egg gone 4/9.

26) 4/9 Cal. Jay. 4, incubation 1/2 or over. In top of ivy-covered oak in Painter's. Bird set close & did not flush til I was within 10 ft.

27) 4/9 Cal. Jay. Old nest 20 ft. up in oak in west side of Painter's garden.

28) 4/9 Cal. Jay. Begun in ~~2/3~~ S. end of N 1/3 of lot opp. my house.

29) 4/9 Cal. Jay. 5, begun. Same ♀ as #21 & 46 last year. In top of bushy, spreading oak in Ethel's lot. 1/502

30) 4/9 Cal. Jay. Begun. In oak between #29 & oak in my lot where I found young last year.

31) 4/9 C. B. Tit. Begun. Oak; 20ft; N. end of lot N. of my house.

32) 4/9 C. B. Tit. 5 almost hatched. 18ft. Tree #23.

33) 4/10 Cal. Jay. About complete? 15 to 20ft in ~~door~~ <sup>of</sup> west of Luong Hato's box pile.

34) 4/10 Cal. Jay. 30ft. near top of straight oak, in grove S. of S. C. Ave. Empty 4/13

35) 4/10 Cal. Jay. Complete 15ft. in outer "blossom" of palm on lawn W. of gas house. Last year's there too. Deserted, nest toppled sideways.

36) 4/10 Cal. Jay. 5, begun. Top of oak S.W. of bushy big oak S. of road thro pasture. Eggs taken here 1900? or 1899. 3/502 Begun

37) 4/10. Cal. Jay. About built. 25 to 30 ft. in "apple" oak. 4 fresh taken 4/17 & bird on nest 10:30 a.m. 5/402

38) 4/10 C. B. Tit. 3 eggs 15ft. in "inside" of form of tree about 10ft & 15ft from trunk of large bushy oak. N.W. of tennis ct. 7 eggs, 4/17, incub. slight. 1/402

1902

- 39) 4/10 C. B. Tit. 3 eggs. 10 ft. near top of young oak in clearing w. of quail oaks. 7 eggs 4/17. Supl. of #5. Incub. slight. 2/7 or
- 40) 4/11. C. B. Tit. 20 ft. up in oak over old barn, (nest above the ground N. of barn). 4/18 found young in it.
- 41) 4/12 C. B. Tit. 3 fresh. 8 ft. up in pithus forum 3 ft. from wall of bowling alley in E. bed. 4/17 abandoned. 1/3 or no data blank
- 42) 4/12. C. B. Tit. Looks about done. 12 ft. up in oak close to Lin. Ave. fence in lot S. E. Cor. Lincoln & Pearl.
- 43) 4/12. Cal. Jay 5 fresh. 25 ft. up in oak in pasture N. of oak with heavy crop acorns. Billy let one fall. 4/4 or 2. 2d set laid 4/28 #78.
- 44) 4/15. DRS. Spar. Hawk. 35 ft. up in old Flicker hollow with small piece chipped out. in sycamore in creek; Crow Canon. 1 light & plain & other 4 handsomely marked. Fresh. Given to Bannister.
- 45) 4/15 Cal. Shrike. 6 fresh. 9 ft up in low limb of a small arm of big white oak in grain field. Close to Road from Danville. Oak yet leafless but numerous twigs rather hid the nest. Bird flushed. Nest of weeds, grass, fibres & feathers, wool & wads

1902.

of short, cattle hair, all mixed without distinction. Lining same. Broke one after packing it 45 miles.

46) 4/15 Cal. Woodpecker. Pair of them on sycamore on fence line opp. Woodside Farm. 2 hollows in live part & 4 or 5 in rotten wood. Bird in one of them. Too small to get hand into.

47) 4/15. W. Redtail. 3 eggs. Big nest, with insecure foundation. About 40 ft up in leaning white oak close to line fence on S. side of road, by bridge on hill. Incub. slight  $\frac{1}{3}$  or  $\frac{1}{2}$

48) 4/15. W. Redtail new nest in sycamore  $\frac{1}{4}$  mile S. of road at Sycamore Junction. Looks about 70 or 80 ft. up.

49) 4/15 Prairie Falcon. Birds back in their old place & the duck hawks here last year on Apr. 1 are gone. 3 eggs pipped one rotten & 2 about to pip. This pair is probably the pair here since 1898 except last year. They do not approach within easy gun range.  $\frac{1}{2}$  or  $\frac{3}{4}$

50) 4/15 Sps hawk? Old nest of twigs in Alder close to trunk. About 35 ft up, on trail in hills.



4/16  
51) W. Redtail. Bird on nest in sycamore  
in the flat. Same nest as yearly. Hard  
tree 70 ft to crotch with nest.

52) 4/16 Ark. Goldf. not yet completed. In  
top of small white oak near camp.

53) 4/15 Am. Barn Owl. No eggs. Bird  
flushed from hollow in big oak near camp.

54) 4/16 Calliope Hummer. ♀ like Anna's  
but Bannister who went up tree, says she  
had chin tufts. 2 fresh. Nest not yet de-  
corated. 20 ft. up over our camp on rem-  
nant of dead alder branch 1 in. in diam.  
& 4 in. long. ♂ not seen. 6 a.m.

55) 4/15 T. Vulture. 2, small embryos. 1/202  
In small cave in round boulder below  
Prairie Falcon ledge to the east a bit. Top  
of rock covered with stunted & twisted  
manzanita. Bird flew out as Bannister  
got to falcon nest, also a Barn owl  
from same rock & the owl was knocked  
silly by falcon. The T. V. cave faces the  
ravine.

56) 4/16 B. Blackbird. 3 fresh & cold.  
Handsome nest, heavily lined with horse  
hair from tail & mane. 1/302 10 ft. up in  
small cypress opp. 1st house on Sycamore Road.

1902

57) 4/16 B. Phoebe. 5 large emb.  $\frac{2}{4}$  or  
stood on Bannister's back & got them from  
nest on beam under bridge on Mt. Road.

58) 4/16 B. Phoebe 5 fresh & creamy pink.  
Small nest lined with grass fibres & long  
hair. Bridge by fork on Mt. Road. 1 broken  
in transit.  $\frac{1}{4}$  or

59) 4/16 T. Vulture. I went to cave where  
I took set 4/14/01 & found it vacant. Ban-  
nister took set from same pair lower  
down in low roofed cave at east end of  
big rock which slopes down toward east  
& is not a round or square rock but  
a regular ridge of about equal thickness  
from west to east. This is below & west  
of Falcon rock. Says large embryos. There  
1904 Apr. 24 nothing

60) 4/16 Botted Canyon Wren. About  
ready for eggs. of soft dry grass & feathers on  
a few small sticks in niche in rock a  
little N.W. of rock with a cave S. of  
Falcon rock. A few small Xmas berry  
trees close to it. On plant of hill sloping  
westward & reached from ground.

Bannister says he found one lower down

61) 4/16 Duck Hawk. Same pair as

1902

last few years. 4 fresh. 1/402  
Bannister says the hole is about 8 ft across  
& 8 ft high & about 5 ft. deep & eggs in west  
side about 1 ft from wall. Birds a bit  
noisy but not at all demonstrative or fierce.

62) 4/16 Am. Barn Owl. In open cave  
in falcon rock. 6 eggs. 1 of them pipping.  
On ledge in usual place in cave accessible  
from crevice on N. side. About 2000 guano.

63) 4/16 A. Barn Owl. 3 young & no eggs  
in <sup>same</sup> rock lower down.

64) 4/16 Road Runner. 2 old nests in white  
flowered sage I take for this. in round basin  
E. of Buck Hawk rock.

65) 4/16 Anna's Hummer. 2 fresh. Or-  
corated nest with regular oak lichens. Hard  
climb for Bannister 30 ft up rock where  
nest was on a tiny pinnacle.

66) 4/27. T. Vulture. 2 small embryos.  
In rock low down on side hill on left of  
trail from creek to Bubo nest. Bird flew  
out when we were within <sup>2/3</sup> 100 yds of the  
cave which is in base of a conglomerate  
lot of rocks, easily accessible from the hill;  
about 7 ft deepest, where it comes to a V &  
about triangular as a whole, being 5 to 6 ft

1902

at greatest breadth. In the left hand side the eggs ~~lay~~ lay in a depression in sandy floor in a sort of concave part of cave. Height of cave averages 2 ft.; ceiling rugged & uneven.

64) 4/27 Am. Barn Owl. 6, fresh to slight.

In small ~~cave~~ hole opposite Bubo nest. (#6 1901). <sup>102</sup>

68) 4/27 Am. Barn Owl, fresh to slight.

In small cave in low rock below rattler ledge. <sup>2/502</sup>

69) 4/27. Am. Barn Owl. 6, slight to incub. forming

In same rock about 10 ft. <sup>3/6</sup> to side of #68.

70) 4/27 Dusky Horned Owl. 2 state eggs not set on but laid last year. In cave with #68. One egg in her nest & other firmly imbedded in sand mixed with guano. <sup>12/202</sup>

71) 4/27 Am. Barn Owl. 7, slight to <sup>3/4</sup> hatched.

In usual receptacle, a fine round plate in cave with fantastic rocks. (#8-1901). <sup>4/17</sup> A young gopher at edge of nest. Below this cave in a round recess between the rocks was a heap of pellets in all stages of decay, about 3 ft. in diameter x 1 1/2 ft. deep of them.

72) 4/27 Am. Barn Owl. 5, fresh to slight.

Going down rattler-buzzard ledge by largest

<sup>with stake</sup>  
{3 were cracked in nest, three away} 5/4 or  
bay trees is a small cave accessible with  
15 ft. rope. We never took eggs here before.

73) 4/27 Am. Barn owl. In chief place  
for owl in rattler-buzzard ledge, going  
over close to where I killed rattler in 1900.  
Nest was hard to reach. I let out about 115 ft.  
rope for King to go to bottom with. He barely  
reached eggs that were far in a narrow covey.  
6, slight to good sized emb. Broken in transit - 6/5 or

74) 4/27) Am. Barn owl. (Rock #4, 1901)  
In smaller cave with horizontal bed, 12 ft.  
above where eggs were taken last year.  
6, slight to small emb.

75) 4/27. Am. Barn owl. (Rock #3, 1901)  
Nothing here this year. Dead owl at base of rock.

76) 4/27 Duck Hawk. Birds absent  
from this country this year, judging from  
absence of white excrement at rim of  
nest which the spring rains washed off.  
Recent scratches visible on back of rock  
where ascent to top is made. Perhaps  
they quit the place after I was here 3/24/01,  
& this may be the pair of new arrivals at  
the Prairie Falcon ledge Mar 30/01.

77) 4/28. Cal. Jay. Nest rifled. In S. end of  
Edith's lot. Scared a kid away.

1902.

78) 4/28 Cal. Jay. Flushed bird. About 30 ft. up in oak S.E. of fallen <sup>6' 15"</sup> oak on pasture fence.

79) 4/17 & once earlier & once later saw Cal. Scr. Owl in decayed stub of big oak opp. Smith's. Bird stood up in hole at hearing me walking below. <sup>1/4 6' 0"</sup> 5/4, 4 fresh

80) 4/17 H. Finch. About completed. 1/3 way down F.V. road, 8 ft. up over W. side of road in cypress.

81) 4/27 D. Cañon Wren. Flushed bird from crevice running far into rock below nest #71. Not obtainable.

82) 4/22 B.-C. N. Heron, nests in tree by gate & 2d tree S.W. of old summer house. Nests all deserted & I hear very few birds about.

83) 5/4 Cal. Jay. 6, begun. 18 ft. up in oak in new horse corral betw. watchman's & bunk house. (Second set, #135) <sup>7/6 02</sup>

84) 5/4 Cal. Jay, Bird in nest. 45 ft. up in oak S.E. cor of formerly the lawn. 2d nest of #37

85) 5/4 Cal. Jay. Bird flushed. 35 ft. up in oak opp. formerly the study. Went up next day & the curved limb was apparently **too** weak for me, so I broke off a stick with a ~~crotch~~ crotch to it & moved away the nest foundation & in lowering the nest the 5 eggs fell out.

86) 5/4 Cal. Jay 5 eggs, <sup>slight incubation 8/5 02</sup> look same as set I took

- in 1901 & couldn't save (#114). Probably 25 nest of  
 #6. Rather small nest owing to quantity of ma-  
 terial used. Locust twigs about the rim. 12 ft.  
 up near top of small oak in beet patch.
- 87) 5/4 Cal. Towhee. Begun. Oak over original  
 plot of periwinkles in brush pile.
- 88) 5/4 Cal. Towhee. 4, begun. 8 ft. up in  
 "old" briars on hither quail oak.
- 89) 5/4 Cal. Towhee. 1 pecked, stale eggs. 25 ft up  
 in oak (7 to 10 ft sprouts), East of dining room.
- 90) 5/4 Or. Towhee, 3, slight. 5 in. off ground  
 in briars under wire fence between 2 quail oaks.  
 Nest material as usual.
- 91) 5/4 Eng. Spar. Complete: over window  
 in servants' d. room. 5/21 6 fresh.
- 92) 5/4 Eng. Spar. 3 fresh & bird flushed 10  
 ft up in ivy on front of engine house.
- 93) 5/8 House Finch. To Hobo Grove on Hay-  
 wards creek, pipe stem grove, & northward to  
 nearly end of route. Only 2 nests without eggs.  
 Several with 1 & 2 eggs & several with 4 eggs  
 & with 5 eggs. Most of them with downy young.  
 (probably 15 nests) & 5 or 6 of these 15 nests held 1 &  
 2 eggs not yet hatched.
- 94) 5/8 House Finch. 4, fresh.
- 4 ft. up in briars running among willow  
 grove by Petersen's brother-in-law's house. The



1902

material same as usual but lining was profuse with small chicken feathers.

95) 5/8 Brewer's Blackbird. H, Slight.  $2\frac{2}{3}$  or 11 ft. in top of willow. Bird on. (1 broken)

96) 5/8 Brewer's Blackbird. 5, 11 ft. in top of willow. Bird on.

97) 5/8 S. M. S. Sparrow. 1 young in down. In usual position in blade grass on bank of creek along Petersen's tomato field.

98) 5/8 Cal. Towhee. #3, incub.  $3\frac{1}{4}$ .  $2\frac{2}{3}$  or 2  $\frac{3}{4}$  ft. up in nettles & pipe stems, under willows across road from creek.

99) 5/8 Wren Tit? New nest 3 ft. up in pipe stems close to #98.

100) 5/8 Wren Tit. Bird flushed from partly feathered young, 4  $\frac{1}{2}$  ft. up in pipe stems in willow grove or pipe stem grove.

101) 5/8 Eng Spar. small knot hole in willow 4 ft up, in pipe stem grove. Reached into it from on top where ~~it~~<sup>tree</sup> had broken & rotted.

102) 5/8 Wil. Goldfinch. 3 fresh. 5 ft up in sprouts on live poplar stub at N.E. cor. of pipe stem grove. No other nests to-day.

103) 5/8. Allen's Hummer. ♀ reddish. Watched her go to nest on briar & pipe stem above pipe



- stems & under willows in pipe stem grove,  
3 1/2 ft. from ground. <sup>n/2 or</sup> GARDEN
- 104) 5/8 S. M. S. Sparrow. 1 young 1/2 fledged.  
In briars on west bank of creek. GARDEN
- 105) 5/8 S. M. S. Sparrow. 4 young partly  
fledged scrambled out of briars on west bank. GALLERY
- 106) 5/8 S. M. Song Spar. H, fresh. 5/4 <sup>n/2 or</sup> GALLERY  
5 ft. over margin of west side of creek. In  
briars & willow stub & small branch. GALLERY
- 107) 5/8 Allens Hummer. 2, rather heavy.  
3 1/2 ft up on single horizontal briar in <sup>broken in blowing.</sup> GALLERY  
clump at line fence on W. bank. GALLERY
- 108) 5/8 S. M. S. Spar. 3, <sup>6/3 or</sup> GALLERY  
5 ft. over bank in willow & briars, west side. GALLERY
- 109) 5/8 Ho. Finch, H <sup>10/10</sup> GALLERY  
7 ft. up in willow & briars on west bank. GALLERY
- 110) 5/8 Al. Hummer. 3 1/2 ft up on briar  
over west bank among willows. <sup>2/4 or</sup> GALLERY
- 111) 5/8 Ho. Finch. H, Small mb. <sup>2/4 or</sup> GALLERY  
9 ft. up in 2 briars on west bank, among <sup>willows</sup> GALLERY
- 112) 5/8 Cal. Towhee, 3, incub 3/4 3/3 <sup>or</sup> GALLERY  
5 ft. up on cottonwood stump & Sparrows. 1/2 way  
up bank. On East side by 1st house north  
of bridge. <sup>10/10</sup> GALLERY
- 113) 5/8 Cal. Towhee. 1 pected egg. In  
briars 5 ft. over creek on west bank not  
far from Peterens. GALLERY

- 1902  
114) 5/8 Al. Hummer. 2 small young. On briar  
on high bank (on east bank) near end of route
- 
- 115) 5/8 Ho. Finch. H,  
9 ft. up in poplar & briars, west bank, N. of bridge
- 
- 116) 5/8 Ho. Finch, H, fresh. <sup>3/21/02</sup>  
10 ft. up in willow & briars, west bank
- 
- 117) 5/8 S. M. S. Spar. 3, fresh. <sup>7/3/02</sup>  
3 ft. up on west bank near narrows. In briars  
& nettles.
- 
- 118) 5/8 S. M. S. Spar. 1 egg. 7 ft. up in  
willow & briars further south.
- 
- 119) 5/8 S. M. S. Spar. new nest. 6 ft in  
briars under willows, further south.
- 
- 120) 5/8 Cal. Towhee. New nest. No birds  
about. Forget just where this nest was.
- 
- 121) 5/8 Cal. Towhee. New nest. West  
bank
- 
- 122) 5/8 Cal. Towhee. Omitted previously.  
Young feathering & bird brooding. H 1/2  
ft. up in pipe stems in <sup>1 rotten egg taken 5/25.</sup> pipe stem grove.
- 
- 123) 5/8 R.-b. Thrush. Nests in construction  
one in pipe stem grove. One in plain  
side at corner of dry fork at end of nar-  
rows, 5 ft up in briars under willows  
& 2 along creek somewhere else.
- 
- 124) 5/8 Black Phoebe. 1 egg. on top of  
stringer close to roof in shed back of

Nelson's barn. 5/25, 5 heavily incub.

125) 5/8 Cal. Bush Tit. One nest in pop-  
lar on east bank of narrows. Young  
had gone. Nest large & fully 15 in. long.  
At other points 2 nests had small  
young & another had large young.

126) 5/11 ~~Golden~~ <sup>Crowned</sup> Sparrow. H, slight.  
2 1/2 ft. up. in top of buar clump in patch  
of briars about cow trails near quarry.  
It flushed after long search & long watch.  
She was larger than the Gambel's that  
was feeding a full grown young. Keys  
& I thought this was the owner of the nest  
but she was chirping about the bushes  
100 ft. before we approached the clump  
of briars within 100 ft.

127) 5/11 Cal. Jay. 5, large emb. 9 ft up  
in small oak near top. In grove of small  
oaks on crest of low heavily oak hill. Nest  
of usual materials.

128) 5/11 R-s. Flicker. In dead stub  
10 ft up: on trail back of quarry. No  
eggs yet.

129) 5/11 Cal. Screech Owl. In country  
back of quarry 4 or 5 marked trees  
containing hollows, but no evidence  
of the birds.

1902  
130) May 16. Cal. Bush Tit. 3 eggs, palm, 10 ft. up  
in blossom. Evidently same pair as #4.

131) May 16. Cal. Bush Tit. Young - 0 - eggs. 20 ft  
up near top of slanting limb of oak near S.W. cor.  
of brush lot.

132) May 16. Cal. Towhee. No lining yet. 10 ft, in  
oak near E. end of back field.

133) May 16. Cal. Partr. 1 at random. Site of  
octagon summer house.

134) May 16. Cal. Partr. 1<sup>st</sup> large sub.  
Under small forked oak branch blown off  
Mar. 1, & surrounded by wild grass. Hollow  
not quite 3 in deep & well lined with oak leaves  
& parents' feathers.

135) Cal Jay. 5/28. 5, begun. Second set of #83  
In same place on a big elbow limb, S.E. cor.  
of new horse corral, where incomplete set was  
found last year.

136) 5/10 Or. Towhee. 3 begun. Found by  
Mike the Filipino.

137) 5/8 H. Finch (omitted previously)  
5, slight. 5 ft. up in briars & willows along  
Haywards Creek. 4/21/5

138) 5/25 R.-b. Thrush. 4 fresh. Nest a-  
bout built 5/8. 5 ft up in briars & pipe grass

- 1400 in pipe grass grove on Haywards Creek.  
 139) May 27. Cal. Partr. 18 eggs  
 incub. large emb. Under briar in grass  
 under oaks nr. of tennis. 2/18
- 140) June 10. Cal. Partr. 11 E. A. Jenkins stepped  
 on bird & broke 1 egg. She left her tail & a few  
 other feathers. Under small oak on N. side  
 of back road, in scant grass & leaves & well  
 rimmed with same. 3/10
- 141) May 28. Cal. Jay. 1/2 grown young. In  
 small, straight, bushy oak opp. White's back st.
- 142) May 29. Cal. Partridge. 1 egg on ground -  
 no nest; Waterside. Found Waltz & Cordes  
 working this place & I found no nests,  
 except 2 old eggs & some shells, possibly this  
 year. Later, Bliss reports 16 eggs about out  
 spoilt by grass fire.
- 143) July 10. Cal. Partridge 17 about out.  
 In grass close to potato patch S. of old house.
- 144) Sept 21. Old nest of Cal. Jay. In settle  
 near N.W. cor. pear orchard.
- 145) Nov. 11. Old nest Br. Towhee in east end  
 of quail briars N. of wire fence. 15 in up.

FEMALE

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FELONY

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FANCY

FANATIC

FAMINE

FAME

FALLOW

FALLACY

FALCONRY

FAITH

FAIRY

FAINT

FAGOT

FACTORY

1903

- 1) Mar 24. Cal. Bush Tit. 8 ft up in twigs from weak branch from main limb of oak by study. Found 13 days ago partly built by Miss Sweet's class & to-day one of girls investigated contents of nest & broke an egg.
- 2) Apr. 2 T. Vult. Visited nests in Bohinger & found it either too early or birds not going to lay in old nests.
- 3) Apr. 2. D. Horned Owl. Flies about nest in the ravine & "nothing doing" in low rock below Buzzard-rattler ledge. Some one been along here & left big foot prints, & scratches on rocks. Raining on Mar 31 enough to obliterate all tracks, so the party was here yesterday.
- 4) <sup>1/2</sup> Barn Owl. Flushed fewer than formerly. They have not yet laid or have been robbed.
- 5) Apr. 2. W. Redtail. Did not visit 18-1902 but saw it. Another in live oak on side hill opp. Duck Hawk rock appeared vacant.
- 6) Apr. 2. W. M. Lark. 3 fresh. In grass clover & weeds about 8 in high on ridge from Falcon rock to Co. Road. Hole rather deep & well shaped. Nest on its side so that the opposite side arched over. ♀ flushed <sup>ex-nest</sup> at long range at 5:15 p.m. Eggs cold. <sup>7/303</sup>
- 7) Apr. 3 Prairie Falcon. Stopped at Joseph's



1903

& P. Bannister & I followed smooth ridges, (working 3 high ledges in which there was a *Bubo* & some Barn owls) until we came to sage brush ledge & within several feet of nest. Bird flew out. P. B. brought up the 5 eggs. Small embryos, incubation must have been  $\frac{1}{2}$ .

8) Apr. 4. W. Redtail about 15 nests from Tassajara to Santa Rita. Birds in several cases sitting on the limbs. Approached several nests & clouds dislodged no birds.

9) Apr. 4. G. B. Tit. Nest in oak, where we stopped for lunch in Public Canon.

10) Apr. 4. W. Redtail. Bird flew on nest, high up in gum grove in Public Canon.

11) Apr. 11 Duck Hawks. 1 fresh 3 well bloodshot. King, Hooy & I to P. Canon over the divide. Found footprints on ground behind rock, also numerous scratches on rock. Had observed ♂ on lower (west) end of rock while lunching in canon. He moved around once & then resumed original stationary pose. Then after a while he flew past nest & I joined him & cackled. She acted less broody than formerly & I judged we were too early for more than half a set. Then

1903

those marks looked as if shed been robbed,  
but finding a 12 gauge empty shell at N.  
side told of some one crawling on top to  
get a shot, & not the work of a collector.  
We decided to investigate & I threw rope  
over after we had all ascended & flushed  
♀. This is first time she has gone to nest  
after we'd gained the rock below.

12) Apr. 11. Cal. Thrasher, 3, Slight. In  
gully S.E. of falcon rock. An old nest  
further down. 4 ft. up over sloping ground,  
in "Xmas berry" bush & Chenise with a  
strong sage also. Bird not seen during the  
7 or 8 min. packing nest eggs. 7/3 03

13) Apr. 11. T. Vulture. Nothing doing in 1902 &  
1904 nests. Pine Canon.

14) Apr. 3. W. Redtail. Nest gone from oak on John  
hill where took set 1902. one toward Lawrence's there  
yet.

15) Apr 15. Cal. Jay. 5 fresh. 55 ft in oak  
S.E. cor. lawn. Birds hatched here last year.  
Sheldon climbed 1/5 03

16) Apr. 21. Cal. Jay. 45 ft. in top of oak over  
periwinkles in brush. 5, begun! 2/5 03

17) Apr. 21. Cal. Jay. 40 ft near top of oak betw.  
Central & S. Av., in grain. 5, begun. 3/5 03.

- 8) Apr 21. Cal. Jay. 5 very slight. 35 ft. in oak in grain betw. S. C. & Central. 4/5 03
- 9) Apr. 21. Eng. Spar. 6 small emb. In oak back of engine house, 20 ft. up in 9 inches in hollow where Plain Tits used to nest 1/6 03
- 20) Apr. 7. Salt Marsh Song Spar. 3 fresh 8 in up in bush near Sandhills. (To Bannister)
- 21). Same. 3 highly incubated. Near Sandhills
- 22) Same. 3 " " " "
- 23) Same. 2 fresh in one nest. 1 fresh in another
- 24) Same. 2 nests of young.
- 25) Same. 2 state eggs.
- 26) Same, a few old nests.
- 27) Same. One fresh set of 4 to Bannister & I kept 2 incub. sets but couldn't blow them. One nest of 3 with 1 cracked & the 4th egg broken & smeared eggs) was foot Ver. Av. in tuft of crab grass edge of small slough.
- 28) Apr. 13. Cal. Towhee. 17 ft. up in last of pines at west end of north shell road on south side of road. Later; another built lower down-
- 29) Apr. 13. Cal. Jay. 25 ft. up near end of long limb of pine west of briar-covered oak N.W. of tennis. Some days later flushed bird but too risky to get at nest.
- 30) Apr. 15. Cal. Jay. Hard to get at nest in slender

1903

branches of oak in lot opp. my house. Bird flushed. Apr. 21 got kid to climb & reports nest torn up. Birds not about.

31) Apr. 18. C. B. Tit. Young. 20 ft. up in hard to get at situation in oak near S. E. cor. of pasture.

32) Apr. 18. C. B. Tit. Empty. 15 ft up in bushy oak with bent over trunk near big oak in pasture.

33) Apr. 18. Eng Spar. Eggs in partly decayed stub of oak by Young Fats' horse coral.

34) Apr. 29. Cal. Jay. Oak west of nearer quail oak. Never completed.

35) Apr. 29. Cal. Towhee. Completed & bird on. May 12. Lining torn up.

36) Apr. 29. West. Fly. Last year on trunk of cypress, last group westward on N. side of N. Shell road. 8 ft. up.

37) May 3. West. M. Lark. 5 slight. In big hoof print in low grass on Waterside. Bird flushed by Allingers dog. 2/21/03

38) May 3. Salt Marsh Song Spar. 1 fresh egg on trail near slough near dikes on marsh. One nest in light colored clump of dead weeds, built in color mimicry. Birds had left been raised.

39) May 5. Park Wren. 3 eggs. In tin lining with

and, of heat pipe in hall by laundry. May 12 took  
7. emb. forming. Bird on nest remained still under  
my hand for some moments. 2/703

40) May 5. Or. Towhee. 4 fresh. In periwinkles  
back of briar clad oak in brush pile & against  
small log. Very frail & scant nest. 1/4 03

41) May 6. Prairie Falcon. 3 with incubation  
4 or 5 days & the 4th. fresh or infertile. About  
in middle of high part of canon. In hole about  
10 ft. down & of about same dimensions as  
original. Taken by Holbrook assisted by Bill Tabor. 2/4 03

~~42)~~ Says birds raised hardly any fuss.

42) May 10) Duck Hawk, 4 slight.  
In former site in castle rock. 7 very fierce  
Taken by Holbrook & Webster. 2/4 03

43) May 10. Am. Barn owl. 5 fresh. In Castle  
Rock by H. & W. 2 eggs begun 1/5 03

44) May 10. Black Phoebe 4, heavy.  
under bridge 1/4 03  
By Holbrook & Webster.

45) May 10. Barn Swallow. 3 fresh, 4th lost.  
Under bridge by H. & W. 1/3 03

46) May 5. Allen's Hummer. 3 sets. Broke  
2 sets trying to drill shells made too soft by  
heavy incubation. ~~one~~<sup>2</sup> nests with 1 young  
just out & 1 egg. Another 2 just out. 3 nests

May 5th. 1903. Haywards Creek

with large young.

- 47) Song Sparv. 4 slight. Pretty nest, mostly of  
straws, & dead leaves on outside. Lined with a  
few horsehairs. 3 ft. up in briars against big willow. <sup>field mark 1/4 1/4</sup> 03
- 48) Song Sparrow. ~~Field mark~~ <sup>3/3</sup> 3 fresh. 2 ft.  
over edge of bank in briars & willow. <sup>2/3</sup> 03 Lined med  
with dead leaves. Lined with grass & few hairs.
- 49) Song Sparrow. 3 fresh. 4 ft up in brush. <sup>3/3</sup> 03
- 50) Song Sparrow. 3 fresh. 3 ft up in brush. <sup>4/3</sup> 03
- 51) Song Sparrow. 3 fresh. 4 ft. up in clumps of briars  
of straws, leaves, fibres & long hair. <sup>5/3</sup> 03
- 52) Song Sparrow. 3 fresh. 4 ft. over creek in edge of  
briars on bank. <sup>6/3</sup> 03
- 53) B.-h. Grosbeak, 4 slight. 7 on nest, 7 ft. up  
in briars & cottonwood over stream. <sup>15/4 1/4</sup> 03 About 1 p.m.
- 54) B.-h. Grosbeak, 4 slight. 6 on nest. About  
3:30 p.m. 12 ft. up in willow & briars. <sup>2/4</sup> 03
- 55) Cal. Towhee, 4 slight. 9 ft. over creek at  
edge of bank, in willow & briars. Hummers nest <sup>1/4</sup> 03
- 56) Cal. Towhee. 3 slight. 4 ft. up in "dark",  
In sprouts of big cottonwood edge of creek. <sup>2/3</sup> 03
- 57) Ho. Finch <sup>4/5</sup> 5 fresh to begun. 6 ft in  
briars & willows. <sup>1/5</sup> 03
- 58) Ho. Finch. <sup>2/4</sup> 4 fresh. 4 ft up in briars  
over willows. Lined with few hairs & 1 wad of short  
hair. <sup>2/4</sup> 03

- 59) Ho. Finch.  $\frac{2}{4}$  fresh. Fresh to begun. 5 ft. in briars.  $\frac{3}{5}$  03
- 60) Wbl. Goldf.  $\frac{2}{4}$  fresh. In dark spot 6 ft. up in wet-low & briars. begun. 5 eggs.  $\frac{2}{3}$  5 03
- 61) Wbl. Goldf. ~~5~~ <sup>(brown egg)</sup> Large emb. 9 ft. in briars.  $\frac{2}{5}$  03
- 62) Wbl. Goldf. ~~5~~ Begun. 5 ft. up in double briars under willow.  $\frac{2}{5}$  03
- 63) Wbl. Goldf. ~~5~~ Fresh. 6 ft. up in briars.  $\frac{2}{5}$  03
- 64) Wbl. Goldf. ~~4~~ 6 ft. up in briars. Large emb. (throughout)  $\frac{2}{5}$  03
- 65) Song Sparrow. Empty. 2 with 1 each.  $\frac{2}{5}$  03
- 66) Grosbeak. 1 egg. 8 ft., over creek, in cottonwood.  $\frac{2}{5}$  03
- Not there May 11.
- 67) Ho. Finch. Thicker than ever. Many downy young - none feathered, down to building.
- 68) Wbl. Goldf. one nest downy young. One or two with pair sets. Others building.
- Haywards Creek May 11
- 69) Towhee. 3 fresh. 2 ft. up over bank on poplar stump wall covered with its sprouts & briars.  $\frac{3}{3}$  03
- 70) Sam. Song Spar. 3 fresh. 2 ft. up in clump of briars. eggs broken  $\frac{3}{3}$  03
- 71) Sam. Song Spar. 8 ft up at edge of bank in briars & cottonwood.  $\frac{4}{4}$  03
- 72) Sam. Song Spar. 1 egg west side creek in briars.  $\frac{15}{17}$  3 slight  $\frac{8}{3}$  03



1903

5/17 took 3 slight <sup>not found</sup> 8/303

73) Sam. Song Spar. 1 egg. Briars, East side near big bridge. No nests with young so far this year or incub. eggs or old nests.

74) West. Fly. 3 1/4 ft. over water in drift on willow branches. Fresh. 1/303

75) Pil. Warbler 4 small emb. 3 1/2 ft in briar clump on bank. n/403

76) Pil. Warbler. (1 dented) 2 about hatched. In briars 1 3/4 ft. up.

77) Pil. Warbler. 4 downy. 4 in. up in briars.

78) B.-L. Grosb. 4 well begun. 5 1/2 ft up in briar & willow close to bank on point. 3/403

78) B.-L. Grosb. 4 half hatched. 11 ft in willow

79) " " " 1 egg cottonwood.

80) Al. Hum. 4 1/2 ft up in briar clump on dove briar near top of clump, on high bank, shaded by big willows. small emb.

81) Al. Hum. fresh. 8 ft in briar & cottonwood, over creek. n/203

82) Al. Hummer 1 fresh. 6 ft. on briar over creek. 5/17 took set. 2/n/203

83) W. Vireo. Done. over creek 6 ft in cottonwood. 5/17 took 4 begun. n/403

84) W. Vireo. 2 eggs. 8 ft over creek in cottonwood. 5/17 took 4 slight. 2/n/403



85) Wren Tit. Empty 5ft in briars under willows.

DISGRACE

DISEASE

DISCIPLE

86) Wren Tit. 6ft up in briars under willows. 2 about hatched.

DISARM

DIPLOMA

87) W. Woodpecker. Fresh chips from willow on east bank. Cant reach in without destroying things. 6 seen. 5/17 30 viewed

DIMPLE

DILUTED

DIRE

88) Keyhole Saw & found bottom of cavity 1ft deep with young making a buzzing-chirping noise.

DIGIT

DIGNITY

88) May 12 Or. Towhee. 7 fluttered off 4 eggs, "on ground", nest rimmed 1 inch above ground) with quivering motions. Under very low growth briars under quail oak. Eggs larger & darker than last few years. 2 are of another ♀.

DIAMOND

DIAL

DIAGRAM

DIADEM

DEXTER

DEVIL

89) May 14 Cal. Towhee 5 eggs, 2 infertile, other 3 heavy. Saved 3. 10ft up in palm where took set Woodhouse type, says several years ago.

DESIGN

DESERT

DEPUTY

DEPTH

90) May 14 Cal. Partr. about 20 or against side of house (at laundry) among grass & covered by climbing pink rose. Took 28 about May 24

DEPLOY

DENTAL

DEMON

DELUGE

91) May 17 Allen's H. 2 fresh. 6 1/2 ft over creek on pensile briar. 3/n/2 03

1903, May 17, Hayward's Creek, Cal.

92) Allen's H. 2 heavy. <sup>over creek</sup> 5 1/2 ft. on pensile goose-  
berry runner, shaded by pensile blackberries.

93) Sam. Song Spar. Highest nest ever found -  
10 ft from bank, 18 ft up in briars & willows.

3 slight. n/9/303

94) Ho. Finch. 5 slight. 6 ft. briars on bank <sup>n/4/303</sup>

95) R-b. Thrush. 4 fresh. 6 ft. briars & willow  
on bank. 7 on. 1/4 03

96) R-b. Thrush. 3 ft. up in briar thicket.  
4 ft. from edge of bank. Beautiful nest  
lined with elm blossoms. 2/4 03

97) May 19 Cal. Partr. 16 & under carrot  
box under Va. Gr. by pasture fence. Dis-  
turbed by plowing. 1/16 03

98) May 23 Cal. Partr. 9 Eggs. Grass at  
edge of dike (South side). At S.W. cor. high-  
up beet patch next to Smiths. 5/27 7 on 16 &.  
6/6 nest empty - stolen by boys.

99) Cal. Partr. Jimmy & Kelly showed me  
where found 14 eggs each in 2 nests in  
thistles along creek N. of oil works recently  
put up. Blame Reinecker Kid for taking  
them. Kelly says last year found 3 nests  
on high land in pasture with Hogan &  
Beryl Jankin & they divided them & threw  
them at each other.

1903  
100) May 20 Benton found 3 Redtail eggs  
in Moraga Valley & says fell out of tree with  
them.

101) May 20. Park Wren. Bluey fresh for  
Benton from Moraga V. Says 68 ft. in bin  
rats nest.

102) May 20. Cal. Towhee. 5 heavy by  
Benton from Moraga V.

103) May 20. Gr. Towhee. 4 about 1/2 blown  
for Benton & 3 almost hatched from  
Moraga.

104) May 17. B.-h. Grosb. 4 heavy 9 ft.  
up in willow on r. bank of Kayw. Cr.  
Missed it on 11th.

105) May 17 Wren Tit 2 new nests in usual  
situations. Tore one down a/c moving  
runners caught about me.

106) May 17. R. b. Thrush. Several built  
& building.

107) May 17. Pil. Warb. nest of young.

108) June 3. C. B. Tit. birds working on half  
completed nest. In palm by cor. S. E. garden  
where took set Woodhouse type Jays some years  
ago. Latest nest of species yet observed.

109) June 6. Cal. Partr. 1 egg. Under small dead pine  
limbs along F. V. Road. 6/10 shepped nest to N. Y. a/c  
Chapman & the nest was empty.

Sun. June 7-1903

with Bailey to Castro. Valley Junction, worked  
Creek to San Lorenzo.

110) R. b. Thrush. Bailey took 2 sets of 4 & one  
of 2 & found nest of young.

111) R. Hummer. Took young bird just  
able to fly - flushed from nest while Bailey  
was photo. Thrush nest.

112) C. B. Tit. Took empty "swallow-tailed"  
nest from briars & germander ivy.

113) Pil. Warbler. 2 nests young & 2 new  
ones.

114) Sam. Song Spar. 4 slight. 2 ft. up in  
briars at Meek's, in sun. Took nest. <sup>10/14</sup> 03

115) B.-h. Grosb. 3 well begun. 12 ft. up  
in buckeye. <sup>4/31</sup> 03  
Sun: 12:15 a.m.

116) Ho. Finch a few new & old. No eggs.

117) Pes. Spar. Hawk. bird raising a  
racket about high sycamore stub at Meek's.

118) C. S. Owl. Sheldon took set near R.R.  
Saw a feather there 2/d.

119) W. Woodpecker. Bird present, but hollow  
empty.

120) June 24. Cal. Partr. 10 fresh. Heavy  
lining b.b. hairs. ♀ flushed at noon from briars  
over old stump pile, S-W. of engine house. <sup>4/10</sup> 03

- 121) Cal. Part. June 2. #11 well begun. In  
grass at foot of vicar near seckles in long row.  
122) Cal. Partr. Nov. 23. one or two eggs & shells  
from hatched birds. Under weed, 2/3 way to High  
St. about 1/2 way betw. meadow & vicars.  
123) Cal. Partr. Nov. 24. Stale eggs fallen through  
hedge on V. Ave. junct of my lot & E. A. C.  
124) Cal. Partr. 21 stale, Fri Dec 12. Indry  
nest under piece of tin S. E. cor. old houses.  
125) C. B. Tit. Old 1903 nest over gravel pile  
S. of stable entrance. Feb. 1904 it had eggs (stale)  
126) ~~Jan 30/04~~ Cal. Towhee. Old nest of 1903 in Syringa  
S. E. cor. Stable.

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1904

1) Mar. 8. Cal. Bush Tit. Begun. 10 ft. up in cher-  
 kee on side of my house. Big storm Mar 10. Work-  
 ing on nest Mar 13 - Broodreared.

2) Apr. 7 Prairie Falcon & Duck Hawk. Hol-  
 brook & Webster left for nest of P. Falcon &  
 found nothing saw only pair Duck Hawk.  
 On Apr. 25, King & I took Duck Hawk 1/3  
 from easternmost rock in canon. See #8

3) Apr. 20. Cal. Jay 3 eggs. 18 ft. in cyprus  
 betw. rose ave. & orchard. 4/22 5 eggs to  
 Newbury, gratis

4) Apr. 20. Cal. Jay. 4 eggs. 12 ft. up on briar  
 & oak on N.W. end of further quail oaks. 4/22  
 5 eggs, inc. begun. 1/504

5) Apr. 20. B. C. N. Heron. In original tree  
 by gate. 1 nest young hatching & 3 with eggs.  
 2 sets to Newbury. Kept nest & 3.

6) Apr. 20. C. B. Tit. 18 ft. in bushy oak in horse  
 corral. 4/22. broken & stale eggs.

7) Apr. 27. Bull. Oriole. Jimmy boy showed  
 me nest over 20 ft up in gum by RR track  
 in Hogan field. 5/10 Newbury & I packed bread  
 & scanthings. Kids told us a boy took it with 6 eggs & broken.

8) 1904.

Apr 24. Duck Hawk. } 3 well incubated in  
small pot hole over bathing rock in canon  
by Josephs. Easy to get upon. Revolver shot  
brought birds out. This is pair King saw  
on Apr. 2. 1/304

9) Apr. 24. Prairie Falcon. Flushed bird  
from original nest & failed to find any  
eggs, or mate.

10) Apr. 24. W. S/S. Hawk. Bird followed  
Prairie Falcon when it flew across canon  
by Rock wall in side of mountain. Probab-  
ly roosting in oak tree.

11) Apr. 25. Duck Hawk. 1 bird flushed  
from original nest in Pine Canon &  
Castle Rock ascended & Redtail Rock  
& others & no mate seen.

12) Apr. 25. J. Vulture 1 St. inc. egg  
found in sand in original nest in Pine  
Canon. egg was averted. Drilled defect out 1/104

13) Apr. 25. R. S. Flicker. Couldnt reach into nest  
In small oak E of Redtail Rock. Pine Canon

14) Apr. 25. Cal. Thrasher. New nest about 8  
ft. up in oak sapling & wild cucumber N. of  
Castle Rock.

15) Apr. 25. G. Barn owl. In cave, on ledge,  
under falcon nest. 4 fresh. In former



years in middle of Apr. always found peeped  
eggs or young. 1/4 04

16) Apr. 23. Cal. Towhee. 20 ft. up in end of oak limb  
in Edith's lot. Got it <sup>may!</sup> with ladder & gave to New-  
bury. He says too far incubated to blow.

17) Apr. 26. Cal. Jay. Building. 8 ft. up in orange  
& palm by w. border in east garden. Same pair  
as #3. Found it completed later. Found 3 eggs later  
& in 3 days more the lining pulled out & no eggs.

18) Apr. 26. Cal. Jay. young several days old. 8 ft.  
in oak & briars in pasture side of herring oak  
on N. fence of pasture. Young several days old.

19) May 1. Cal. Screech owl. 4 fresh in wet  
hollow in oak by Smiths where got set 1902.  
Both birds present. Sold Newbury \$1.00.

20) May 3. Cal. Jay. Threw club at nest 50 ft. up  
in engine house oak. Nothing flushed.

21) May 5. B. Oriole. Cut limb off poplar in  
Crow Cañon. Was old nest. ♂ raised a fuss.

22) May 5. A. Barn owl. 2 fresh & deserted.  
In rock above little plateau where I was photo-  
graphed taking set some years ago. To Newbury.

23) May 5. A. Barn owl. 3 fresh & 1 broken &  
deserted. In shelf nest in cave at bottom of big  
buzzard ledge. To Newbury.

24) May 5. A. Barn owl. 4 eggs to Newbury.

1904. May.

In rock below big buzzard ledge. Flushed 1  
bird from another cave by dangling rope &  
when Newbury went down owl in cave where  
eggs were were, sat close & hissed at him.

May 8. Toward creek from  
Lester Valley to Petersens With Newbury  
creek knee deep in some places. Long pro-  
tracted rains in march uprooted some trees &  
left drift high up on branches.

25) W. Flycatcher. 4 highly incubated. To New-  
bury. Couldn't save them. Bird flushed at close  
range from gnarly giant trunk of bay tree  
6 ft. over creek.

26) Willow Goldfinch. 2 fresh. 11 ft. over water  
in overhanging branches of elder. Couldn't  
reach it with Newbury's aid in banding limb.  
All at once a tomato box floated down &  
I stood on it. To Newbury

27) C. B. Tit. 8 highly incubated. 6 ft. over sloping  
bank in briars under willows; on east bank by  
Nelson orchard.

28) Ho. Finch, 5 fresh. 6 1/2 ft. up in briars &  
willows on edge of bank.

29) Ho. Finch. 5 advanced. 9 ft. in briars & willow  
on creek bank. 2/504

1904. May 8. Haywards Creek.

- 30) Ho. Finch, 5 eggs. 7 ft. up in briars on creek bank. 4/4/04
- 31) C. B. Tit. 6 fresh. 7 ft. up on creek bank. at edge of level ground. In briars. 2 ft. above willow butts that had sprouted 8 or 10 ft.
- 32) Willow Goldfinch. 12 ft. up on a single blackberry runner in briar & willow grove. 4 eggs  
To Newbury.
- 33) Ho. Finch. 3 fresh. 8 ft. in briars on bank. 3/3/04
- 34) Sam. Song Spar. 4 advanced. 3 1/2 ft. over sloping bank in sprouts 1 ft. long of willow at edge of bank. Brush had all been cut along here for about 500 ft. last winter. To Newbury.
- 35) Ho. Finch. 4 eggs. 4 ft. up in briars on creek bank.
- 36) Sam. Song Sp. 2 fresh & deserted. Nest contained dead hawks. 5 1/2 ft. up on stub of willow sapling entwined with briars. In copse 10 ft. from edge of bank.
- 37) Ho. Finch. 4 eggs fresh. 7 ft. up at curve of willow sapling & several shoots from one blackberry runner. 6 ft. from creek bank. 7/1/4
- 38) Ho. Finch. 6 1/2 ft. in briars among willows 5 eggs.

1904 May 8. Haywards Creek Con.

39) Ho. Finch. 5 fresh. 3 ft. up on steep slope of bank between a poplar shoot & its tree. Large poplar, close to water edge.

40) Ho. Finch. 10 ft. up on overhanging limb of small willow 10 ft. from creek bank.

41) Allen's Hummer. 3 ft. from bank & 3 <sup>3</sup>/<sub>4</sub> ft. over water on a pensive briar, hanging from willow. 2 eggs, slight.

42) Allen's Hummer. 9 ft. over centre of stream in lowest <sup>& dense</sup> sprig of willow, at junction of 2 trees, one on either side of bank. 7/264

43) W. W. Vireo. 4 advanced. 10 ft over stream in outside of row of small straight willows. To Newbury.

44) Willow Goldfinch. 4 fresh to slight. 8 ft. up in cottonwood & briars on creek bank.

45) Ho. Finch, 5 eggs. 6 ft. up in brush along bank. Nest of rootlets, weeds, dead vegetation, lined with shredded material & a little plant cotton.

46) W. Fly. one nest, not complete. 6 <sup>1</sup>/<sub>2</sub> ft up on rafter close to roof & shed behind Nelson's barn. Looked for this 5/15 & it was empty. On 5/22 it was gone. On 5/29 look it with

4 highly incubated. It seems 2 kids took it 5/22  
put it back after I told them it was unlaw-  
ful to take eggs of certain birds.

47) Willow Goldfinch several new nests & in-  
complete sets.

48) Ark. Goldfinch. North of RR. but willow  
down & found young had left. Saw old pair here.

49) G. B. Tit. Empty nest. Dead bird caught by  
a hair hanging to it.

50) Ho. Finch. a few new nests, many nests with  
incomplete sets & some with unfeathered young.

51) Sam. Song Sparr. new nest in cottonwood.  
Failed to find it on subsequent trips.

Saw young able to fly north of San Lorenzo.

52) Allen's Hummer 6 nests with young,  
generally well feathered, & several nests from  
which young had departed. Allen bears ex-  
cept one old empty nest on protruding dead  
branches from brush & edge of bank.

53) Vigors Wren. Building in hollow in willow  
back of Nelsons where I found young Willow  
Woodpeckers 1903. 5/15, deserted.

54) W. W. Vireo. Nest of feathered young.  
about 9 ft. over stream in overhanging willow.  
5/15, had departed.

1904: May 8: Haywards Creek, Cal.

55) Cal. Towhee. 1 egg. 1 new nest. 2 nests of young. 5/15 failed to run across nest of 1 egg & the new nest was abandoned.

May 15 Haywards Creek from near San Lorenzo to south of Petersens.

56) R. b. Thrush. H, begun.  $\frac{1}{4}$ <sub>04</sub>

7 ft. up in centre of thick brush tangle on bank

57) Cal. Towhee 3, slight  $\frac{1}{3}$ <sub>04</sub>

6 ft. up in tangle of willows & briars near edge of bank.

58) Ho. Finch. H, slight.  $\frac{6}{4}$ <sub>04</sub>

3 ft. up in semi-pensile briars, in sun, on steep bank

59) Ho. Finch. H, fresh.  $\frac{7}{4}$ <sub>04</sub>

7 ft. up at edge of bank in briar clump.

60) W. W. Vireo. H, slight.  $\frac{n}{4}$ <sub>04</sub>

12 ft. over edge of creek in over-hanging willow in outside of row of small willows. Yellow Goldfinch

$\frac{n}{3}$  & Grosbeak  $\frac{n}{4}$  in same willow within a line

20 ft. long & Al. Hum.  $\frac{n}{2}$  in briar diagonally across creek

61) B. Phoebe. H, fair sized embryos. 6 ft over water ~~in small~~ on stinger of small wagon  <sup>$\frac{1}{4}$ <sub>04</sub></sup>

62) Allen's Hummer 2 advanced. 7 ft. up in briars growing through drift & hanging over creek, at shady location on both sides of creek at point where we started work. To Newbury

63) R. b. Thrush. H fresh. To Newbury. Again



Willow stump surrounded by briars, 2 ft. up,  
at edge of bank.

64) Willow Goldfinch. 3 advanced. To Newbury.  
7 on nest 10 ft. up in willow sapling at edge  
of creek.

65) B. h. Grosbeak. 4 slight. 12 ft. up in willow  
sapling at edge of creek. We destroyed them by  
accidentally breaking the limb. Near #64 & #60

66) Allen's Hummer. 1 egg in abandoned nest  
5 up over edge of bank, in dense briars.

67) Cal. Towhee. 4 fresh. To Newbury. Bird flushed  
at close range from deep cupped nest with  
projecting rim. 6 ft. over creek, supported  
on one side by small limb of cottonwood, & on  
other sides by blackberry runners.

68) Ho. Finch. 7 ft. up in briars & willows  
4 fresh.

69) B. h. Grosbeak. 7 ft. over creek in willows &  
briars on top of small branch. 4 eggs: to Newbury

70) House Finch. 5, slight; to Newbury. 6 ft.  
up in briars at edge of bank.

71) Ho. Finch. 5 advanced. 1 broken. 8 ft. up  
over creek, in briars & willows.

72) Allen's Hummer. 2 advanced & not saved.  
3 1/2 to 4 ft. over creek on a single briar hanging  
down from shady thicket & about 3 ft. from bank

1904. May 15. Haywards Creek, Cal.
- 73) B. n. Grosbeak. 16 ft. up <sup>quadruple fork of</sup> small willow in Petersen's. 4, Not saved as incubation. Set taken here 1903 or 1902 was not saved as incubation.
- 74) Climbed  $\frac{1}{2}$  way up & cut & lowered limb after hard, unsteady work.
- 74) Sam. Song Spar. 4 to Newbury. 3 ft. up at edge of creek in coarse grass under thick willows, west side Petersen's tomato field.
- 75) Brew. Blackbird, 5 advanced, to Newbury 12 ft., in top of willow sappling, west side Petersen's tomato field.
- 76) Sam. Song Sparrow. 3 advanced. 3 ft. up in pipe stumps in willow & briar copse, west side of road, south of Petersen's.
- 77) C. B. Tit 3 eggs. East bank 'near where' we began work. 3 taken 1 week later abandoned.
- 78) C. B. Tit. 1 egg east bank. n/6 taken 5/22  
n/6 64
- 79) Willow Goldfinch. 2 new nests. East bank
- 80) Hutton's Vireo. Bird at nest with 3 just hatched. 10 ft. over edge of water in cottonwood near Nelsons. Abandoned 5/22.
- 81) R. b. Thrush. Unfinished nest in sprout of small cottonwood on west bank just south



- of Nelson's Bridge. 5/22 set of 3 taken.
- 82) Willow Goldf. 1 egg. West bank, opposite lunch place. Found 5/22 with set.
- 83) B. h. Grosbeak. New. over creek north of previous entry. 4 taken. 5/22.
- 84) W. Dove. New. East bank, so. of lunch place. Bird on. 1/2 & 1 taken 5/22.
- 85) R. b. Thrush 2 new by above. 1 gone on east bank opp. where we took 1/4 5/22.
- 86) R. b. Thrush 1 egg. East bank by "big beach".
- 87) W. Goldfinch. 2 eggs. W. bank by "big beach".
- 88) Sam. Song Spar. new. " " " " " "
- 89) R. b. Thrush 2 new. East bank.
- 90) " " 1 egg W. " "
- 91) Allen's Hum. 1 fresh. in beaver over creek on W. side, where dead willow branches projected outwards. 1/2 taken 5/22.
- 92) R. b. Thrush. Half done east of road, so. of Petersen's. 5/22 abandoned in same state.
- 93) C. B. Tit 2 fresh in willows so. of Petersen's. 5/22 took 1/8. To Newbury.
- 94) R. b. Thrush. new. at end of route on east. 5/22 4 taken.
- 95) R. b. Thrush 2 new on west of road so. of Petersen's. took complete sets 5/22.

- 96) W. Gold. 2 new, west of road so. of Petersens. 5/22 one abandoned. 5/29 one set of 5.
- 97) W. Fly. new nest in Nelsons shed found May 8 had 1 egg. 5/22 nest & all gone. 5/29 took w/ highly incub. I attribute this to two boys who were eggging & put it back after we banded.
- 98) Pil. Warbler. new nest about 4 ft. up on W. bank. Not found again.
- 99) Brew. Blackb. Further south from Petersens than we went on 8<sup>th</sup> one nest young 1 of large young that fluttered out. one of eggs hatching.
- 100) W. Helm. 2 nests young not observed 5/8. one about 3 ft. over stream on cottonwood just N. of Nelsons Bridge. Parent less demonstrative than when they have eggs or very small young.
- 101) Cal. Towhee. Nest found 5/8 with downy young had lining pulled out & young missing.
- 102) B. h. Grosbeak n/ & taken. In willow at junction of dry creek.
- 1907 May 22 Flywards Creek same route as on 15.
- 103) R. b. Thrush. 4 fresh. 4 ft. up in briar tangle on horizontal branch of small elder 10 ft. back near creek bank. To Newbury.
- 104) R. b. Thrush 3 fresh. 4 ft. up in tangle in thick copse.

105) 8/5/04 Ho. Finch. 7 ft. up in tangled  
briars & elder on sloping bank.

106) Wil. Goldfinch 5 fresh. 5 ft. in briars  
near edge of bank. To Newbury

107) B. h. Grosbeak 2 fresh. 3 taken. 10 ft. up on  
end of overhanging branch of willow sapling  
in copse at junction of dry creek.

108) R. b. Thrush. 8 ft. up in broad tangle of  
willows & briars in copse at junction of dry creek.

109) Ho. Finch. 4 fresh. 7 ft. in briars &  
willows in outside, open situation caused by  
an artificial clearing across bank. To Newbury.

110) B. h. Grosbeak. 4 fresh. 9 ft. over sloping  
bank in double willow branches & green  
briars, near edge of thicket. Rather unusual  
situation for Grosbeak. To Newbury.

111) 4/24/04 W. Hummer. 2 fresh. 5 1/2 ft.  
over creek in shady nook; on pensive briar  
hanging from adjoining tangle of briars & willows.

112) B. h. Grosbeak 4 becom. Nest found 5/10/04.  
8 1/2 ft. over stream & about 4 ft. from bank.  
In leafy, horizontal, broken-off willow branch.  
Protected from above by another horiz. branch.

113) 7/17/04 R. b. Thrush, 4 slight. 5 ft. up  
on top of horizontal willow branches in  
briar tangle.

1904 Haywards Creek. May 22. Con

- 114) W. Goldf. 1404, Small embryos. Slight & variable! 6 1/2 ft. In cottonwood twigs & convex briar. In cottonwood & briar thicket.
- 115) R. b. Thrush. 3 fresh. 8 ft. up in briar tangle growing over elder near bank. To Newbury.
- 116) A. Hummer 2 fresh. To Newbury 5 ft. up at edge of stream on 2 crossed, dead briar runners, near shady part of stream.
- 117) A. Hummer. 2, fresh & slight. 8 ft. over water in medium sized, thrifty, wide-spreading cottonwood.
- 118) R. b. Thrush. 3 fresh. 5 ft. up on horizontal branches of elder, & covered with briar runners & dead twigs.
- 119) A. Hum. R. b. Thrush 4 fresh. 4 begun. 6 ft. up in briar & cottonwood thicket at top of sloping bank. 3/4 04
- 120) Sam. Song Spar. 3 fair embryos. Nest of dry grass lined with long hair of cattle. 2 ft. up in tough, evergreen grass under willow south of Petersen's. On field side. 1/3 04
- 121) R. b. Thrush. 3 fresh. 3 ft. up in briar & sprouts & stink nettle in copse at S. end of route. To Newbury. Nest found 5/15.
- 122) R. b. Thrush 4 begun. 6 ft up in briar & cottonwood, west side of road S. of Petersen's. 6/4 04

123) Sam. Song Spar. 3 added. Deserted nest  
2 1/2 ft. up at edge of dry ditch, west side of  
road, s. of Petersens. To Newbury

124) R. b. Thrush. 3 fresh 5/14  
6 1/2 ft. up in briars & cottonwood, west side  
of road, s. of Petersens. Nest found 5/15

125) Cal. Towhee. 2 nearly hatched. Not  
saved. 3 ft. up in pipe stems in pipe stem  
thicket.

126) R. b. Thrush. 4 ft. up against trunk of  
willow, & supported by small twigs. In  
open situation at N. end of pipe stem  
thicket.

127) Sam. Song Spar. 1 stale egg from abandoned  
nest along creek.

128) C. B. Tit. dead young in thick copse  
of briars & willows, west bank N. of Nelson's Bridge

129) W. W. Vireo. Young unfeathered 25 ft up  
over creek in slanting willow at edge of bank

130) Int. Wren Tit. Empty nest 3 ft up in  
briars, east bank, where took 6. Not found  
5/29.

Empty nest 4 ft up in west side of copse  
at junction of dry creek. Empty & no  
briars here 5/29.

1964. May 22, Haywards Creek, <sup>BELERY</sup> ~~cont.~~
- 131) Int. Wren Tit Song Sparrow <sup>BEICH</sup> Nest found near "big black" 5/15 is abandoned. <sup>BEIRD</sup>
- 132) Wil. Goldf. "yellow" nest, 15 ft up in cottonwood, west bank had 1 egg. Found 5/15, <sup>BEGAR</sup> 5/29 abandoned & contained 1 egg. <sup>BEETLE</sup>
- 133) Wil. Goldf. 2 nests of 5/15 not found 5/29 <sup>BEELAN</sup>
- 134) R.-b. Thrush. Brush on east bank not far N. of Petersen's had been cut, destroying 1 or 2 nests found 5/15, <sup>BECKON</sup>
- 135) Cal. Towhee 2 eggs in sprouted willow N. of lunch place, <sup>BEAVER</sup> ~~East~~ bank. <sup>BEARD</sup>
- 136) R.-b. Thrush, several in complete sets & new & partly completed nests. <sup>BEAM</sup>
- 137) Song Spar. new nest in grass near bank S. of Petersen's. Nothing doing 5/29. <sup>BEACHED</sup>
- 138) Cal. Towhee. 1 almost fledged. 2 ft up on top of willow stub, sprouted. S. of Petersen's <sup>BAYONET</sup>
- 139) W. Hum. 1 egg & 1 just out. 13 1/2 ft up on bear. Centre of thicket, W. of road, S. of P's. <sup>BAYARD</sup>
- ~~140~~ May 22, Haywards Creek, San Lorenzo to near south end of route & through riparian <sup>BAYB</sup>
- 140) R.-b. Thrush. 6 ft up in dead & live elder twigs, 1 ft. over a big bunch of drift & about 2 ft. under a split upper section of big willow. West side of stream, <sup>BATTLE</sup> near where we began to-day. Nest of 1 lizard <sup>BATTERY</sup>



skin, plenty of straw; walled with mud & lined with skeletonized leaves.

141) R. b. Thrush. 4 advanced: to Newbury 6 ft. over edge of stream on horiz. branch cottonwood.

142) Cal. Towhee. 4 fresh & abandoned & nest partly filled with dead leaves. 5 ft. upon broken off top of willow, surrounded by long upgrowing sprouts. Composed almost entirely of dead, blackish grass & weed stems, in contrast to the usual material. Lined as usual with long hair. To Newbury!

143) B.-h. Grosbeak. 3/4 Well begun. 12 ft. over water in top of willow sapling. Tree cut in half with knife & lowered with hardware. Nest near here accidentally destroyed May 8. This one found complete? May 22.

144) Song Sparrow. 3/4 fresh. Nest of dead leaves, straw & grass & lined with several long hairs. 4 ft. up in willow twigs & briars in briar clump near top of steep bank.

145) R. b. Thrush. 3 fresh. 5 ft., on cut off stump of willow surrounded by upgrowing sprouts.

146) W. Goldfinch 2/5 04 small embr. 9 ft up in briar in briar & willow copse.

1904, May 29, Haywards Creek, Cal.  
147) B. h. Grosbeak. 3 fresh: to Newbury.  
10 ft. up near top of willow sapling back  
from bank in copse on W. bank N. of Nelson  
Bridge. Nest of shepherd's purse & dead  
leaves, lined with few red-brown rootlets.  
Tree cut in two with knife & lowered.

148) R. b. Thrush 4 slight 10/4 04  
4 ft. up in tangle of willow & briars back  
from sloping bank. field mark 10/4.

149) R. b. Thrush 4 small embryos. 11/4 04  
3 ft. up against small willow sapling &  
supported by twigs of same in thick  
copse at junction of dry creek. field mark 11/4.

150) R. b. Thrush. 4 slight. To Newbury.  
5 ft. up in tangled briars & willows near edge of  
dry creek.

151) M. Dove, 2 slight: to Newbury. 5 ft.  
over water edge on small bunch of drift in  
dead willow sticks tangled with briars.

152) R. b. Thrush. 3 fresh. 6 ft. up in forks  
of 3 branches of willow sapling covered  
with briars.

153) W. Goldfinch. 5 slight. 7 ft. up in wil-  
low sapling & briars with nest built in &  
around the latter. In big copse, east bank,  
So. of dry creek. To Newbury.

154) W. Finch. 4 5 ft. up in willow



\* briar copse.

153) Song Sparrow. 1 <sup>not saved</sup> fresh: to Newbury.  
4 ft. up in top of briars between sides of copse  
damp of briars at edge of bank on outside  
of copse.

156) Song Sparrow. 4 fresh: to Newbury.  
4 ft. up in top of briars in thick tangle of  
willow & briars.

157) R. b. Thrush. 3. 7 1/2 ft. over water  
in projecting small branches of willow &  
cottonwood making a fork, surrounded  
flush with the rim with briars.

158) R. b. Thrush. 3 almost fresh & the 4th  
was very small & contained no yolk. 6 ft.  
up in tangle of briars & willows on east bank  
near Petersen's.

159) W. Goldfinch. 4 adv. To Newbury  
4 ft. up in dead willow sticks & briars in  
copse w. side of road S. of Petersen's.

160) Song Sparrow. 4 adv. 2 ft up in  
pipe stems & dead willow twigs, among  
worm wood, stink mint & a briar.  
Under willows. W. side road, S. of Petersen's  
To Newbury. 5/22 contained 2 eggs.

161) Cal. Towhee. 2 heavy. 5 ft up on top  
of cut off willow stump with green twigs

1904, May 19, Haywards Creek, Cal.  
growing upward, almost concealing the  
nest. 2 eggs May 15.

162) R. b. Thrush one nest contained 3  
fresh eggs & was found tipped over & eggs  
ruined. & broken.

163) C. B. Tit. In shady part of upstream  
in big cottonwood. One new.

164) H. Finch 2 nests above tree

165) R. b. Thrush 1 " " " <sup>not investigated</sup>

166) A. Hum. 1 1/2 " "  
Newbury climbed for #163 & broke off  
branch & ruin. nest & threw it into creek.

167) Int. Wren Tit. Top of briars, W. bank  
N. of Nelsons Bridge. Empty & slightly dis-  
lodged. Composed of same usual material  
but very dark.

168) Int. Wren Tit. Empty nest & no bird  
in view. in copse at junction of dry  
creek & not far from one found 5/22.

169) Cal. Towhee. Young back of field  
S. of house. In heavy, numerous, old  
sprouted branches of willow against trunk.

170) Pil. Warbler. Near above. Young  
2 days old. 2 ft. up in briars at field side.  
Newbury worked his patch 5/15 to 5/22 &  
skipped the eggs.

- 171) Al. Hum. Just deserted. on bear
- 172) " " near #166. One young  
+ 1 added egg. At intersection of an  
upgrowing small cottonwood branch  
+ its <sup>first</sup> twigs.
- 173) R.b. Thrush. 2 eggs + new nest  
of same pair as we took N/3 from  
by pampas in copse at intersection  
of dry creek. Eggs unlike any others  
& undoubtedly the quiet work of  
same pair.
- 174) R.b. Thrush 2 eggs. west bank
- 175) " 2 " E. " Starting point  
of "dry" creek
- 176) C.B. Tit. New nest where took N/6 8/22
- 177) W. Goldf. 3 eggs, W. bank, just S. dry creek
- 178) R.b. Thrush 2 eggs " " " " "
- 179) " " New just N. of Nelsons bridge  
E. bank,
- 180) " " 1 egg. W. bank, by lunch place
- 181) " " 2 " " "
- 182) B.h. Grosb. 2 eggs. E. " over creek.
- 183) C. Towhee. Not done. near creek edge of  
big copse on E. bank.
- 184) R.b. Thrush 2 eggs. E. bank

1904. May 29. Hayw. Creek Con.
- 185) Song Spar. 1 egg. W. bank, near outside of creek
- 186) " " 2 " " " N. 1st. foot bridge
- 187) R. b. Thrush 2 " " " S. of " "
- 188) " " 2 " E. "
- 189) Song Spar. 2 " E. " by big willow with  
Woodpecker hole.
- 190) Al. Hum. new nest diagonally across  
from Thrush nest in gooseberry bush, near  
Petersens.
- 191) R. b. Thrush. E. bank. In gooseberry  
bush, 2 eggs. Empty 5/22.
- 192) Song Sparrow. 2 eggs. S. of Petersens.
- 193) <sup>May 14</sup> Cal. Partr. 9 eggs brought in by Sam  
Slack, from Va. greenings while plowing. 1/904
- 194) <sup>May 14</sup> Cal. Partr. 9 eggs found by Sam. Slack in  
plowing astr. orch. I looked later at nest & noticed  
gopher hill against it & dug out 9 more. Mostly like  
gambel type & with very large blotches. To Newbury
- 195) <sup>May 14</sup> Cal. Partr. plow team broke 10 out of 15. Got  
2 birds out of the 5 by using hen.
- 196) 5/30 Cal. Partr. 1 egg under E. end veg. gard.  
hedge. No nest.
- 197) 5/30 Cal. Partr. 13 fresh. + on. Low brush & chickweed. Quail out

rusts to be visited again

1901.

No 13.

1902

~~2-2-28-30-31-34-35-40-42-77-84-87-~~

~~1902-28-34-~~

MANUFACTURERS.

DUTTON & PARTRIDGE,

No. 85-84

